


STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL						1. WELL NAME and NUMBER GMBU M-32-8-18				
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT EIGHT MILE FLAT				
4. TYPE OF WELL Oil Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>						5. UNIT or COMMUNITIZATION AGREEMENT NAME GMBU (GRRV)				
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825				
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcrozier@newfield.com				
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) ML-22058			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>				
13. NAME OF SURFACE OWNER (if box 12 = 'fee')						14. SURFACE OWNER PHONE (if box 12 = 'fee')				
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')				
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>				
20. LOCATION OF WELL	FOOTAGES		QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN			
LOCATION AT SURFACE	1957 FNL 1823 FEL		SWNE	32	8.0 S	18.0 E	S			
Top of Uppermost Producing Zone	2469 FNL 2265 FEL		SWNE	32	8.0 S	18.0 E	S			
At Total Depth	2397 FSL 2624 FWL		NESW	32	8.0 S	18.0 E	S			
21. COUNTY UINTAH			22. DISTANCE TO NEAREST LEASE LINE (Feet) 2487			23. NUMBER OF ACRES IN DRILLING UNIT 20				
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed) 1096			26. PROPOSED DEPTH MD: 6572 TVD: 6430				
27. ELEVATION - GROUND LEVEL 5009			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478				
Hole, Casing, and Cement Information										
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	12.25	8.625	0 - 300	24.0	J-55 ST&C	8.3	Class G	138	1.17	15.8
Prod	7.875	5.5	0 - 6572	15.5	J-55 LT&C	8.3	Premium Lite High Strength	316	3.26	11.0
							50/50 Poz	363	1.24	14.3
ATTACHMENTS										
VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES										
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER					<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN					
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)					<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER					
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)					<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP					
NAME Mandie Crozier				TITLE Regulatory Tech				PHONE 435 646-4825		
SIGNATURE				DATE 08/16/2011				EMAIL mcrozier@newfield.com		
API NUMBER ASSIGNED 43047518810000				APPROVAL  Permit Manager						

RECEIVED: November 08, 2011

NEWFIELD PRODUCTION COMPANY
GMBU M-32-8-18
AT SURFACE: SW/NE SECTION 32, T8S, R18E
UINTAH COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0' – 1635'
Green River	1635'
Wasatch	6295'
Proposed TD	6572'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation (Oil) 1635' – 6295'

Fresh water may be encountered in the Uinta Formation, but would not be expected below about 350'. All water shows and water bearing geologic units shall be reported to the geologic and engineering staff of the Vernal Office prior to running the next string of casing or before plugging orders are requested. All water shows must be reported within one (1) business day after being encountered.

All usable (<10,000 PPM TDS) water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. This information shall be reported to the Vernal Office.

Detected water flows shall be sampled, analyzed, and reported to the geologic & engineering staff of the Vernal Office. The office may request additional water samples for further analysis. Usage of the State of Utah form *Report of Water Encountered* is acceptable, but not required.

The following information is requested for water shows and samples where applicable:

Location & Sampled Interval	Date Sampled
Flow Rate	Temperature
Hardness	pH
Water Classification (State of Utah)	Dissolved Calcium (Ca) (mg/l)
Dissolved Iron (Fe) (ug/l)	Dissolved Sodium (Na) (mg/l)
Dissolved Magnesium (Mg) (mg/l)	Dissolved Carbonate (CO ₃) (mg/l)
Dissolved Bicarbonate (NaHCO ₃) (mg/l)	Dissolved Chloride (Cl) (mg/l)
Dissolved Sulfate (SO ₄) (mg/l)	Dissolved Total Solids (TDS) (mg/l)

4. **PROPOSED CASING PROGRAM**

a. **Casing Design: GMBU M-32-8-18**

Size	Interval		Weight	Grade	Coupling	Design Factors		
	Top	Bottom				Burst	Collapse	Tension
Surface casing 8-5/8"	0'	300'	24.0	J-55	STC	2,950 17.53	1,370 14.35	244,000 33.89
Prod casing 5-1/2"	0'	6,572'	15.5	J-55	LTC	4,810 2.30	4,040 1.93	217,000 2.13

Assumptions:

- 1) Surface casing max anticipated surface press (MASP) = Frac gradient – gas gradient
- 2) Prod casing MASP (production mode) = Pore pressure – gas gradient
- 3) All collapse calculations assume fully evacuated casing w/ gas gradient
- 4) All tension calculations assume air weight

Frac gradient at surface casing shoe = 13.0 ppg
 Pore pressure at surface casing shoe = 8.33 ppg
 Pore pressure at prod casing shoe = 8.33 ppg
 Gas gradient = 0.115 psi/ft

All casing shall be new or, if used, inspected and tested. Used casing shall meet or exceed API standards for new casing.

All casing strings shall have a minimum of 1 (one) centralizer on each of the bottom three (3) joints.

b. **Cementing Design: GMBU M-32-8-18**

Job	Fill	Description	Sacks	OH Excess*	Weight (ppg)	Yield (ft ³ /sk)
			ft ³			
Surface casing	300'	Class G w/ 2% CaCl	138 161	30%	15.8	1.17
Prod casing Lead	4,572'	Prem Lite II w/ 10% gel + 3% KCl	316 1030	30%	11.0	3.26
Prod casing Tail	2,000'	50/50 Poz w/ 2% gel + 3% KCl	363 451	30%	14.3	1.24

*Actual volume pumped will be 15% over the caliper log

- Compressive strength of lead cement: 1800 psi @ 24 hours, 2250 psi @ 72 hours
- Compressive strength of tail cement: 2500 psi @ 24 hours

Hole Sizes: A 12-1/4" hole will be drilled for the 8-5/8" surface casing. A 7-7/8" hole will be drilled for the 5-1/2" production casing.

The 8-5/8" surface casing shall in all cases be cemented back to surface. In the event that during the primary surface cementing operation the cement does not circulate to surface, or if the cement level should fall back more than 8 feet from surface, then a remedial surface cementing operation shall be performed to insure adequate isolation and stabilization of the surface casing.

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

From surface to ± 300 feet will be drilled with an air/mist system. The air rig is equipped with a 6 1/2" blooie line that is straight run and securely anchored. The blooie line is used with a discharge less than 100 ft from the wellbore in order to minimize the well pad size. The blooie line is not equipped with an automatic igniter or continuous pilot light and the compressor is located less than 100 ft from the well bore due to the low possibility of combustion with the air dust mixture. The trailer mounted compressor (capacity of 2000 CFM) has a safety shut-off valve which is located 15 feet from the air rig. A truck with 70 bbls of water is on stand by to be used as kill fluid, if necessary. From about ± 300 feet to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCl substitute additive. This additive will be identified in the APD and reviewed to determine if the reserve pit shall be lined. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite

No chromate additives will be used in the mud system on Federal and/or Indian lands without prior BLM approval to ensure adequate protection of fresh aquifers.

No chemicals subject to reporting under SARA Title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of this well.

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

Newfield Production will **visually** monitor pit levels and flow from the well during drilling operations.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 300' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +-. A cement bond log will be run from PBTD to cement top. No drill stem testing or coring is planned for this well.

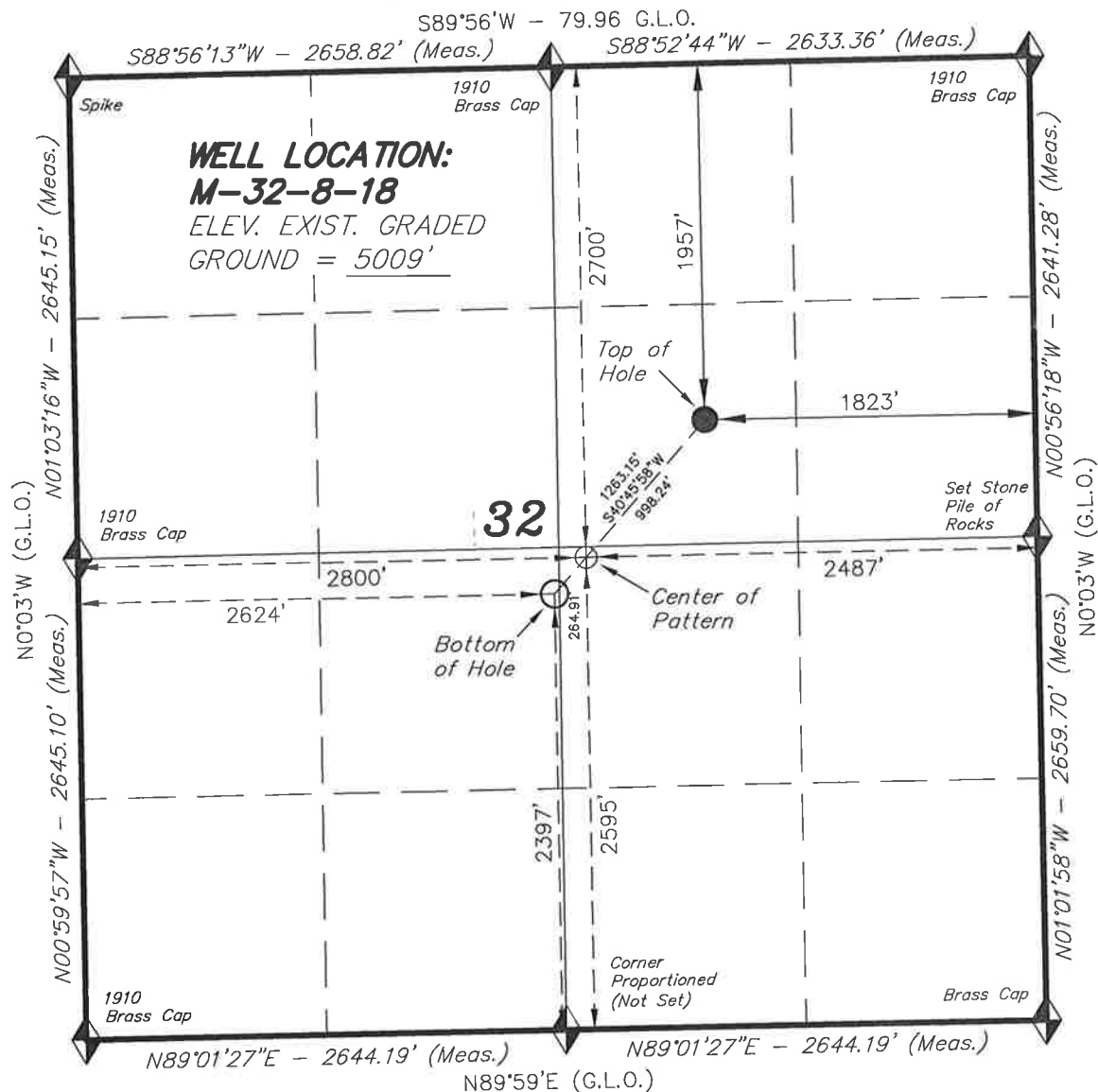
9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

No abnormal temperatures or pressures are anticipated. No hydrogen sulfide has been encountered or is known to exist from previous drilling in the area at this depth. Maximum anticipated bottomhole pressure will approximately equal total depth in feet multiplied by a 0.433 psi/foot gradient.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2011, and take approximately seven (7) days from spud to rig release.

T8S, R18E, S.L.B.&M.



◆ = SECTION CORNERS LOCATED

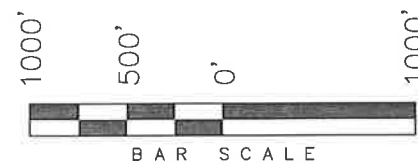
BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

M-32-8-18
(Surface Location) NAD 83
 LATITUDE = 40° 04' 34.78"
 LONGITUDE = 109° 54' 52.00"

NEWFIELD EXPLORATION COMPANY

WELL LOCATION, M-32-8-18, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 32, T8S, R18E, S.L.B.&M. UTAH COUNTY, UTAH.

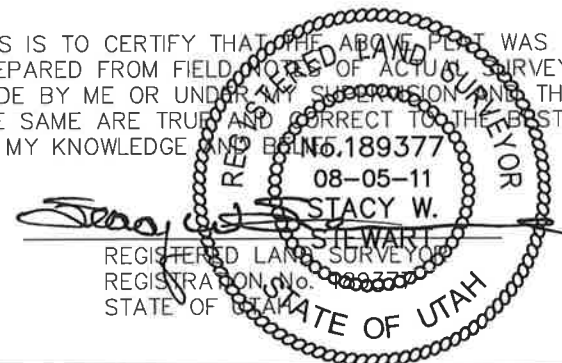
TARGET BOTTOM HOLE, M-32-8-18, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 32, T8S, R18E, S.L.B.&M. UTAH COUNTY, UTAH.



NOTES:

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

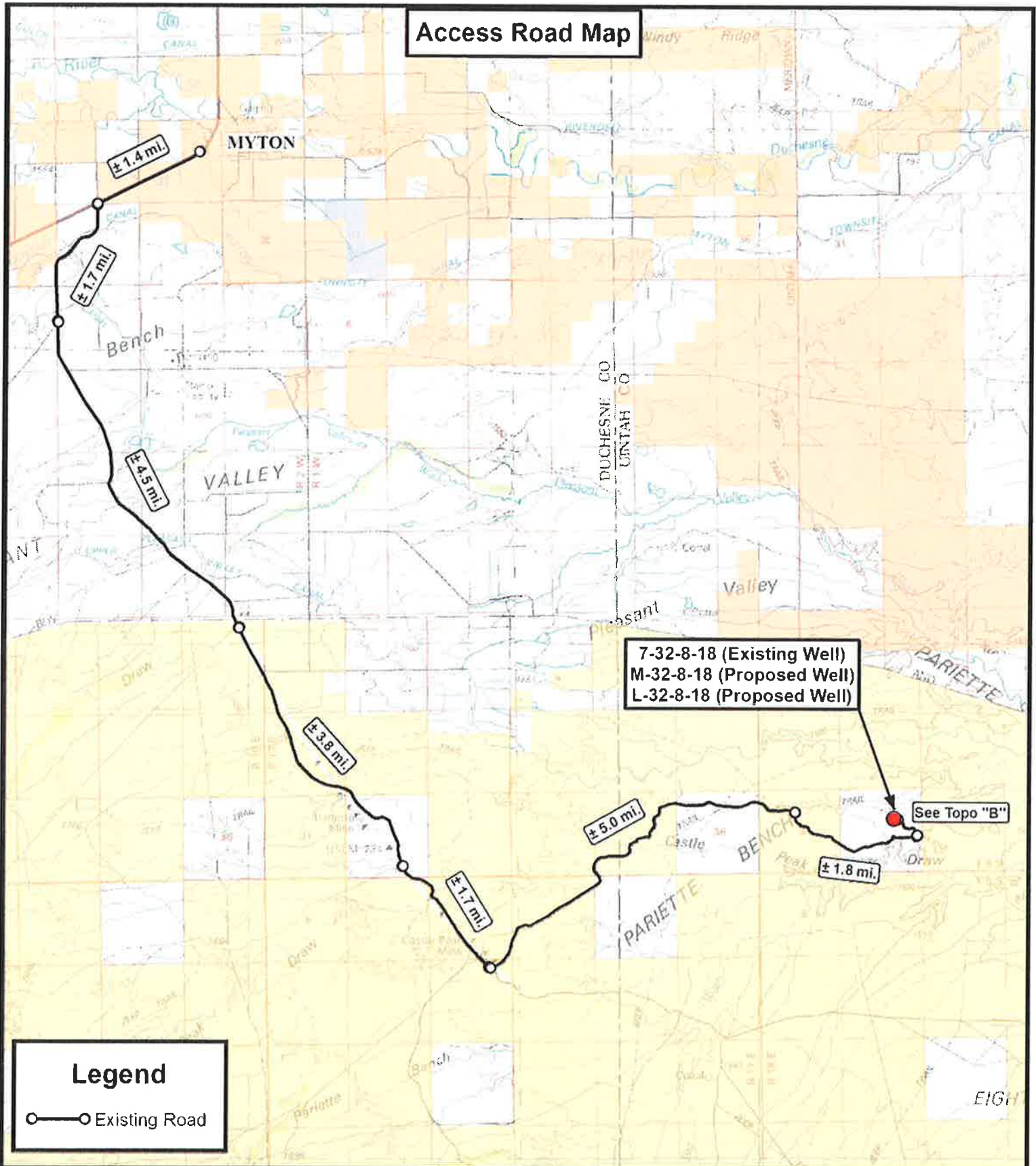


TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 06-21-11	SURVEYED BY: K.S.	VERSION:
DATE DRAWN: 08-05-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

Access Road Map



Legend

○—○ Existing Road



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518

N



NEWFIELD EXPLORATION COMPANY

7-32-8-18 (Existing Well)

M-32-8-18 (Proposed Well)

L-32-8-18 (Proposed Well)

SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

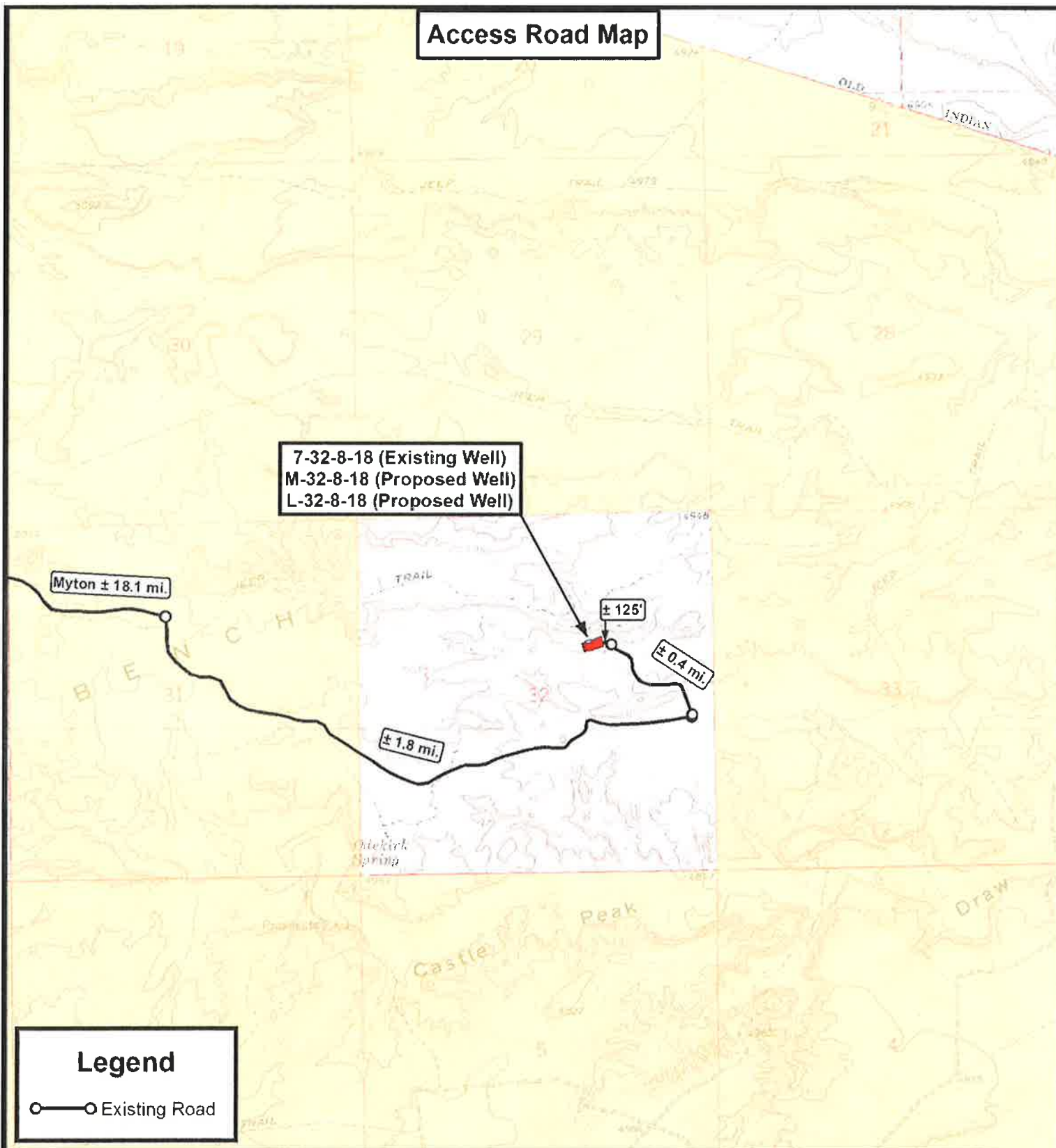
DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	08-03-2011		V1
SCALE:	1:100,000		

TOPOGRAPHIC MAP

SHEET

A

Access Road Map



Legend

Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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**NEWFIELD EXPLORATION COMPANY**

7-32-8-18 (Existing Well)
M-32-8-18 (Proposed Well)
L-32-8-18 (Proposed Well)
SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

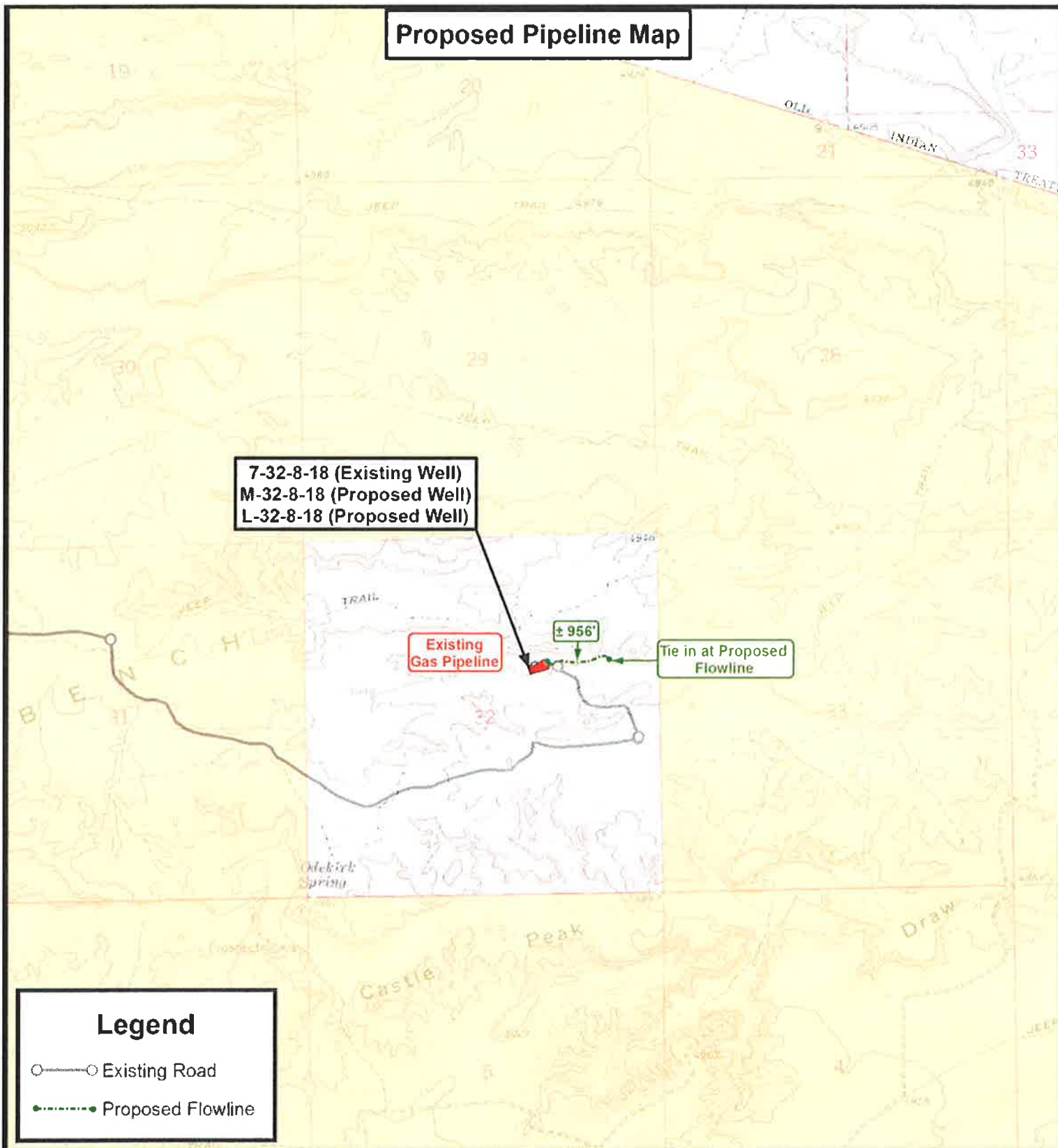
DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	08-03-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

B

Proposed Pipeline Map



Legend

- Existing Road
- Proposed Flowline

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



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N



NEWFIELD EXPLORATION COMPANY

7-32-8-18 (Existing Well)
M-32-8-18 (Proposed Well)
L-32-8-18 (Proposed Well)
SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	08-03-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

C

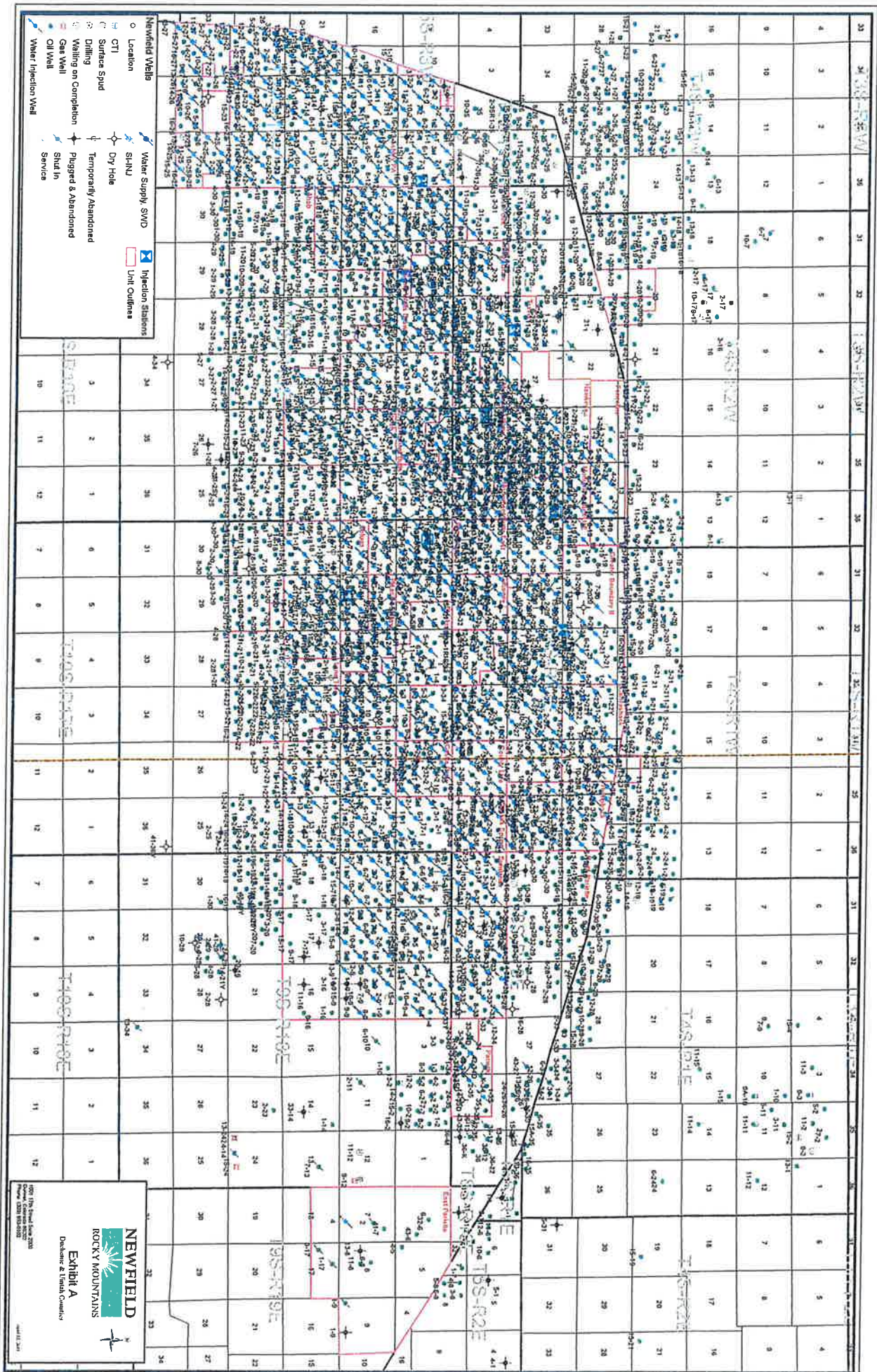
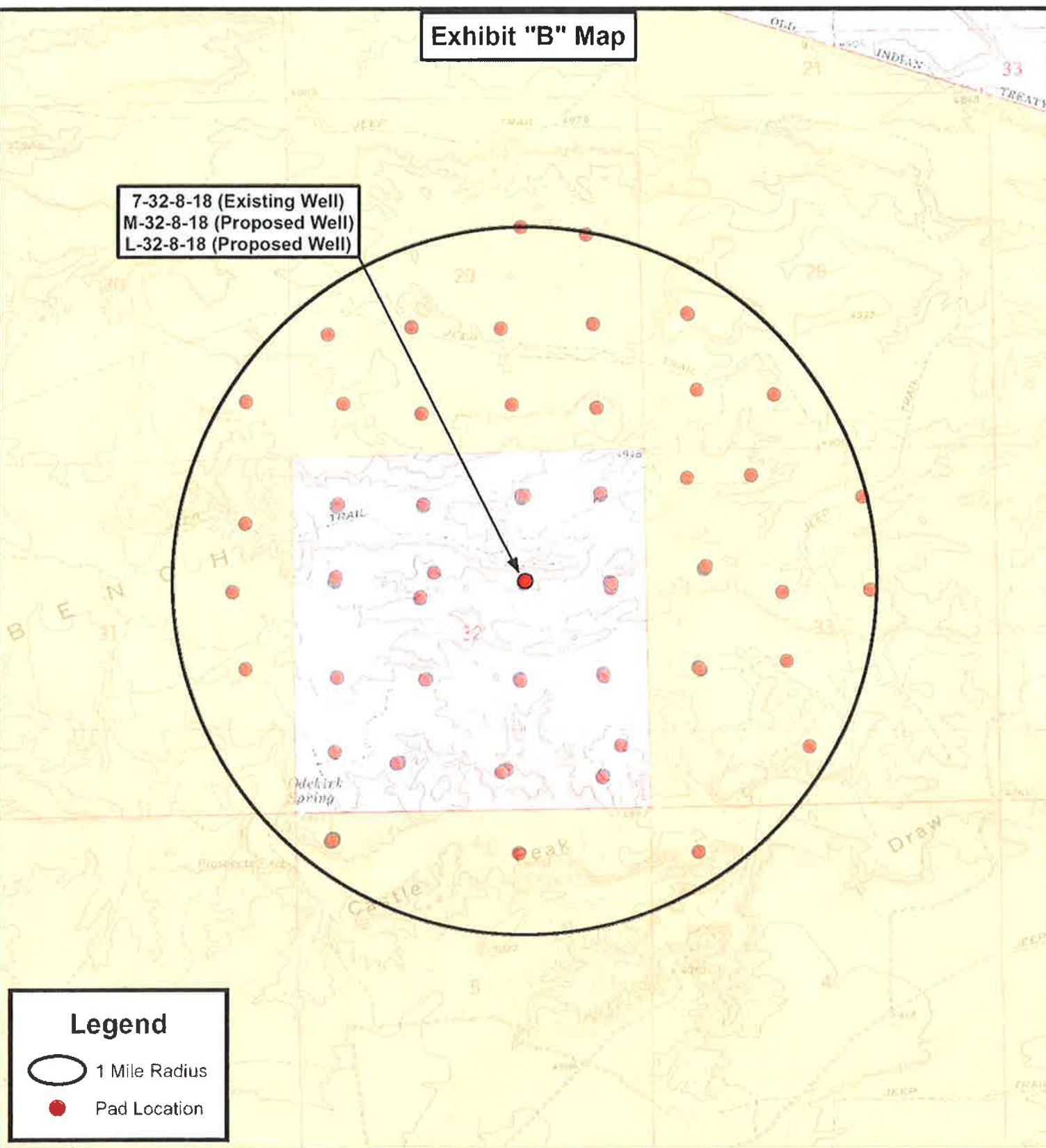


Exhibit "B" Map

7-32-8-18 (Existing Well)
M-32-8-18 (Proposed Well)
L-32-8-18 (Proposed Well)



Legend

- 1 Mile Radius
● Pad Location

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N



NEWFIELD EXPLORATION COMPANY

7-32-8-18 (Existing Well)
M-32-8-18 (Proposed Well)
L-32-8-18 (Proposed Well)
SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	08-03-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET

D



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 32 T8, R18

M-32-8-18

Wellbore #1

Plan: Design #1

Standard Survey Report

21 July, 2011



RECEIVED: August 16, 2011



PayZone Directional Services, LLC.

Survey Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well M-32-8-18
Project:	USGS Myton SW (UT)	TVD Reference:	M-32-8-18 @ 5021.0ft (Newfield Rig)
Site:	SECTION 32 T8, R18	MD Reference:	M-32-8-18 @ 5021.0ft (Newfield Rig)
Well:	M-32-8-18	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #1	Database:	EDM 2003.21 Single User Db

Project	USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	SECTION 32 T8, R18				
Site Position:		Northing:	7,200,263.45 ft	Latitude:	40° 4' 35.740 N
From:	Lat/Long	Easting:	2,067,256.45 ft	Longitude:	109° 58' 28.340 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.98 °

Well	M-32-8-18, SHL LAT: 40 04 34.78 LONG: -109 54 52.00					
Well Position	+N/-S	0.0 ft	Northing:	7,200,458.75 ft	Latitude:	40° 4' 34.780 N
	+E/-W	0.0 ft	Easting:	2,084,071.49 ft	Longitude:	109° 54' 52.000 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,021.0 ft	Ground Level:	5,009.0 ft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/07/21	11.25	65.85	52,303

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
	5,300.0	0.0	0.0	220.77

Survey Tool Program	Date	2011/07/21			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.0	6,572.2	Design #1 (Wellbore #1)	MWD	MWD - Standard	

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00	
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00	
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00	
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00	
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00	
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00	
Start Build 1.50										
700.0	1.50	220.77	700.0	-1.0	-0.9	1.3	1.50	1.50	0.00	
800.0	3.00	220.77	799.9	-4.0	-3.4	5.2	1.50	1.50	0.00	
900.0	4.50	220.77	899.7	-8.9	-7.7	11.8	1.50	1.50	0.00	
1,000.0	6.00	220.77	999.3	-15.8	-13.7	20.9	1.50	1.50	0.00	
1,100.0	7.50	220.77	1,098.6	-24.7	-21.3	32.7	1.50	1.50	0.00	



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well M-32-8-18
Project:	USGS Myton SW (UT)	TVD Reference:	M-32-8-18 @ 5021.0ft (Newfield Rig)
Site:	SECTION 32 T8, R18	MD Reference:	M-32-8-18 @ 5021.0ft (Newfield Rig)
Well:	M-32-8-18	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #1	Database:	EDM 2003.21 Single User Db

Planned Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,200.0	9.00	220.77	1,197.5	-35.6	-30.7	47.0	1.50	1.50	0.00
1,300.0	10.50	220.77	1,296.1	-48.4	-41.8	64.0	1.50	1.50	0.00
1,400.0	12.00	220.77	1,394.2	-63.2	-54.5	83.5	1.50	1.50	0.00
1,479.6	13.19	220.77	1,471.8	-76.4	-65.8	100.8	1.50	1.50	0.00
Start 3932.0 hold at 1479.6 MD									
1,500.0	13.19	220.77	1,491.7	-79.9	-68.9	105.5	0.00	0.00	0.00
1,600.0	13.19	220.77	1,589.1	-97.2	-83.8	128.3	0.00	0.00	0.00
1,700.0	13.19	220.77	1,686.4	-114.5	-98.7	151.1	0.00	0.00	0.00
1,800.0	13.19	220.77	1,783.8	-131.7	-113.6	174.0	0.00	0.00	0.00
1,900.0	13.19	220.77	1,881.2	-149.0	-128.5	196.8	0.00	0.00	0.00
2,000.0	13.19	220.77	1,978.5	-166.3	-143.4	219.6	0.00	0.00	0.00
2,100.0	13.19	220.77	2,075.9	-183.6	-158.3	242.4	0.00	0.00	0.00
2,200.0	13.19	220.77	2,173.2	-200.9	-173.2	265.3	0.00	0.00	0.00
2,300.0	13.19	220.77	2,270.6	-218.2	-188.1	288.1	0.00	0.00	0.00
2,400.0	13.19	220.77	2,368.0	-235.5	-203.0	310.9	0.00	0.00	0.00
2,500.0	13.19	220.77	2,465.3	-252.7	-217.9	333.7	0.00	0.00	0.00
2,600.0	13.19	220.77	2,562.7	-270.0	-232.8	356.5	0.00	0.00	0.00
2,700.0	13.19	220.77	2,660.0	-287.3	-247.7	379.4	0.00	0.00	0.00
2,800.0	13.19	220.77	2,757.4	-304.6	-262.6	402.2	0.00	0.00	0.00
2,900.0	13.19	220.77	2,854.8	-321.9	-277.5	425.0	0.00	0.00	0.00
3,000.0	13.19	220.77	2,952.1	-339.2	-292.5	447.8	0.00	0.00	0.00
3,100.0	13.19	220.77	3,049.5	-356.5	-307.4	470.7	0.00	0.00	0.00
3,200.0	13.19	220.77	3,146.8	-373.7	-322.3	493.5	0.00	0.00	0.00
3,300.0	13.19	220.77	3,244.2	-391.0	-337.2	516.3	0.00	0.00	0.00
3,400.0	13.19	220.77	3,341.6	-408.3	-352.1	539.1	0.00	0.00	0.00
3,500.0	13.19	220.77	3,438.9	-425.6	-367.0	562.0	0.00	0.00	0.00
3,600.0	13.19	220.77	3,536.3	-442.9	-381.9	584.8	0.00	0.00	0.00
3,700.0	13.19	220.77	3,633.6	-460.2	-396.8	607.6	0.00	0.00	0.00
3,800.0	13.19	220.77	3,731.0	-477.4	-411.7	630.4	0.00	0.00	0.00
3,900.0	13.19	220.77	3,828.4	-494.7	-426.6	653.3	0.00	0.00	0.00
4,000.0	13.19	220.77	3,925.7	-512.0	-441.5	676.1	0.00	0.00	0.00
4,100.0	13.19	220.77	4,023.1	-529.3	-456.4	698.9	0.00	0.00	0.00
4,200.0	13.19	220.77	4,120.4	-546.6	-471.3	721.7	0.00	0.00	0.00
4,300.0	13.19	220.77	4,217.8	-563.9	-486.2	744.5	0.00	0.00	0.00
4,400.0	13.19	220.77	4,315.2	-581.2	-501.1	767.4	0.00	0.00	0.00
4,500.0	13.19	220.77	4,412.5	-598.4	-516.0	790.2	0.00	0.00	0.00
4,600.0	13.19	220.77	4,509.9	-615.7	-530.9	813.0	0.00	0.00	0.00
4,700.0	13.19	220.77	4,607.2	-633.0	-545.8	835.8	0.00	0.00	0.00
4,800.0	13.19	220.77	4,704.6	-650.3	-560.7	858.7	0.00	0.00	0.00
4,900.0	13.19	220.77	4,802.0	-667.6	-575.6	881.5	0.00	0.00	0.00
5,000.0	13.19	220.77	4,899.3	-684.9	-590.5	904.3	0.00	0.00	0.00
5,100.0	13.19	220.77	4,996.7	-702.2	-605.4	927.1	0.00	0.00	0.00
5,200.0	13.19	220.77	5,094.0	-719.4	-620.3	950.0	0.00	0.00	0.00
5,300.0	13.19	220.77	5,191.4	-736.7	-635.3	972.8	0.00	0.00	0.00
5,400.0	13.19	220.77	5,288.8	-754.0	-650.2	995.6	0.00	0.00	0.00
5,411.5	13.19	220.77	5,300.0	-756.0	-651.9	998.2	0.00	0.00	0.00
Start 1160.6 hold at 5411.5 MD									
5,500.0	13.19	220.77	5,386.1	-771.3	-665.1	1,018.4	0.00	0.00	0.00
5,600.0	13.19	220.77	5,483.5	-788.6	-680.0	1,041.3	0.00	0.00	0.00
5,700.0	13.19	220.77	5,580.9	-805.9	-694.9	1,064.1	0.00	0.00	0.00
5,800.0	13.19	220.77	5,678.2	-823.2	-709.8	1,086.9	0.00	0.00	0.00
5,900.0	13.19	220.77	5,775.6	-840.4	-724.7	1,109.7	0.00	0.00	0.00
6,000.0	13.19	220.77	5,872.9	-857.7	-739.6	1,132.5	0.00	0.00	0.00
6,100.0	13.19	220.77	5,970.3	-875.0	-754.5	1,155.4	0.00	0.00	0.00



PayZone Directional Services, LLC.

Survey Report



Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well M-32-8-18
Project:	USGS Myton SW (UT)	TVD Reference:	M-32-8-18 @ 5021.0ft (Newfield Rig)
Site:	SECTION 32 T8, R18	MD Reference:	M-32-8-18 @ 5021.0ft (Newfield Rig)
Well:	M-32-8-18	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Design #1	Database:	EDM 2003.21 Single User Db

Planned Survey										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
6,200.0	13.19	220.77	6,067.7	-892.3	-769.4	1,178.2	0.00	0.00	0.00	
6,300.0	13.19	220.77	6,165.0	-909.6	-784.3	1,201.0	0.00	0.00	0.00	
6,400.0	13.19	220.77	6,262.4	-926.9	-799.2	1,223.8	0.00	0.00	0.00	
6,500.0	13.19	220.77	6,359.7	-944.1	-814.1	1,246.7	0.00	0.00	0.00	
6,572.2	13.19	220.77	6,430.0	-956.6	-824.9	1,263.1	0.00	0.00	0.00	
TD at 6572.2										

Wellbore Targets										
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude	
M-32-8-18 TGT - plan hits target center - Circle (radius 75.0)	0.00	0.00	5,300.0	-756.0	-651.9	7,199,691.31	2,083,433.12	40° 4' 27.308 N	109° 55' 0.386 W	

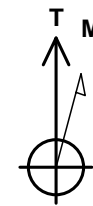
Plan Annotations					
Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates			
		+N/-S (ft)	+E/-W (ft)	Comment	
600.0	600.0	0.0	0.0	Start Build 1.50	
1,479.6	1,471.8	-76.4	-65.8	Start 3932.0 hold at 1479.6 MD	
5,411.5	5,300.0	-756.0	-651.9	Start 1160.6 hold at 5411.5 MD	
6,572.2	6,430.0	-956.6	-824.9	TD at 6572.2	

Checked By: _____ Approved By: _____ Date: _____

API Well Number: 43047518810000



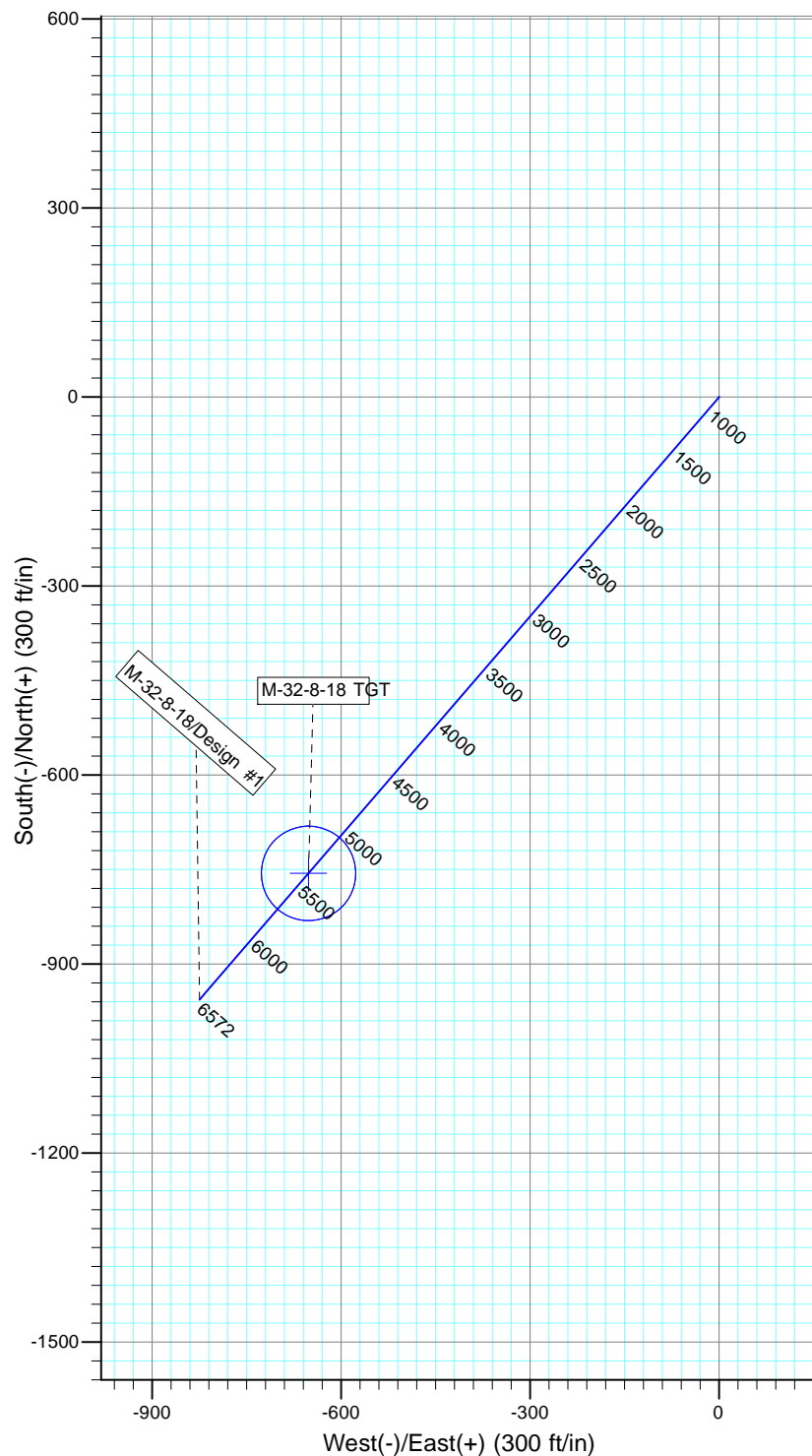
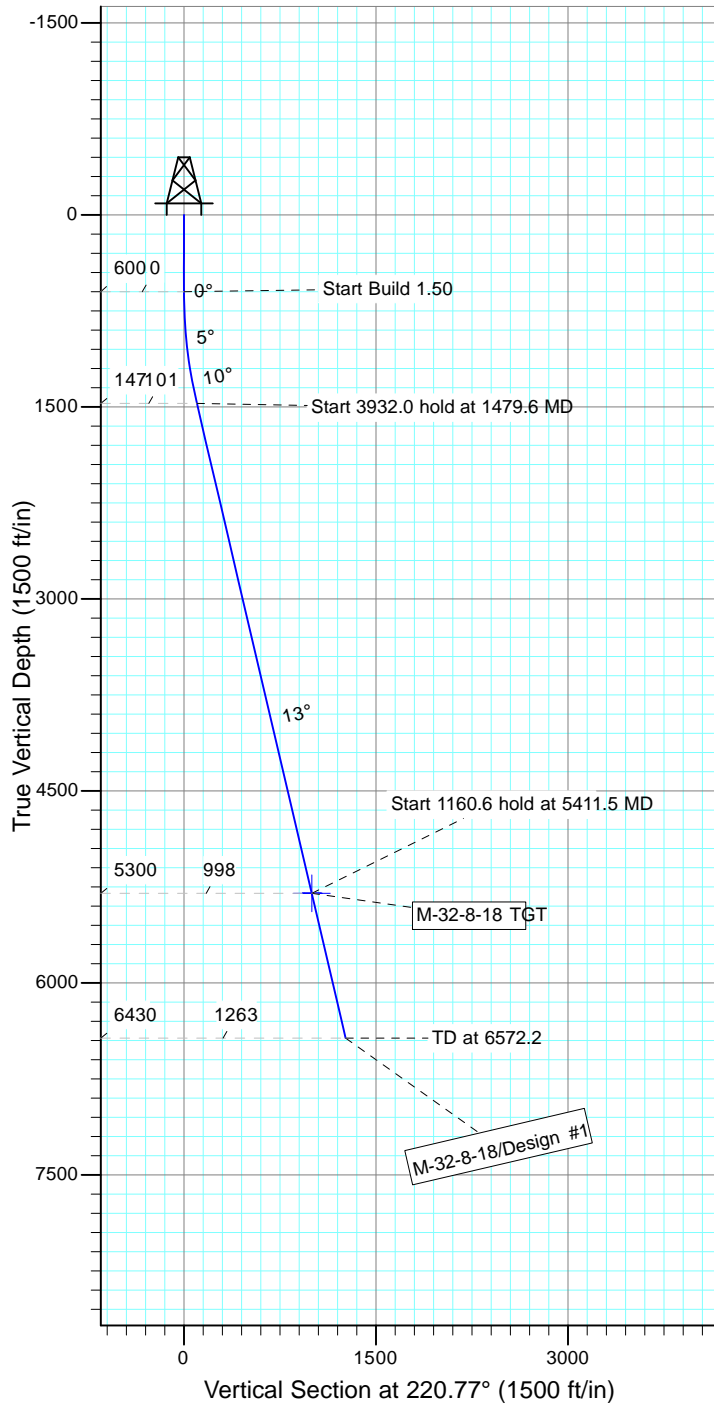
Project: USGS Myton SW (UT)
 Site: SECTION 32 T8, R18
 Well: M-32-8-18
 Wellbore: Wellbore #1
 Design: Design #1



Azimuths to True North
 Magnetic North: 11.24°

Magnetic Field
 Strength: 52302.6snT
 Dip Angle: 65.85°
 Date: 2011/07/21
 Model: IGRF2010

KOP @ 600'
 DOGLEG RATE 1.5 DEG/100
 TARGET RADIUS IS 75'



WELLBORE TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
M-32-8-18 TGT	5300.0	-756.0	-651.9	Circle (Radius: 75.0)

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.0	
3	1479.6	13.19	220.77	1471.8	-76.4	-65.8	1.50	220.77	100.8	
4	5411.5	13.19	220.77	5300.0	-756.0	-651.9	0.00	0.00	998.2	M-32-8-18 TGT
5	6572.2	13.19	220.77	6430.0	-956.6	-824.9	0.00	0.00	1263.1	



**NEWFIELD PRODUCTION COMPANY
GMBU M-32-8-18
AT SURFACE: SW/NE SECTION 32, T8S, R18E
UINTAH COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site GMBU M-32-8-18 located in the SW 1/4 NE 1/4 Section 32, T8S, R18E, Uintah County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.4 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly - 11.7 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly - 6.8 miles \pm to it's junction with an existing road to the northwest; proceed in a northwesterly direction - 0.4 miles \pm to the existing 7-32-8-18 well pad.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal. Any necessary fill material for repair will be purchase and hauled from private sources.

2. PLANNED ACCESS ROAD

There is no proposed access road for this location. The proposed well will be drilled directionally off of the existing 7-32-8-18 well pad. See attached **Topographic Map "B"**.

There will be **no** culverts required along this access road. There will be barrow ditches and turnouts as needed along this road.

There are no fences encountered along this proposed road. There will be no new gates or cattle guards required.

All construction material for this access road will be borrowed material accumulated during construction of the access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

There are no existing facilities that will be used by this well.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted a flat, non-reflective, earth tone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Newfield Production will transport water by truck from nearest water source as determined by a Newfield representative for the purpose of drilling the above mentioned well. The available water sources are as follows:

Johnson Water District
Water Right : 43-10136

Maurice Harvey Pond
Water Right: 47-1358

Neil Moon Pond
Water Right: 43-11787

Newfield Collector Well
Water Right: 47-1817 (A30414DVA, contracted with the Duchesne County Conservancy District).

There will be no water well drilled at this site.

6. **SOURCE OF CONSTRUCTION MATERIALS**

All construction material for this location shall be borrowed material accumulated during construction of the location site and access road.

A mineral material application is not required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

8. **ANCILLARY FACILITIES**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Existing fences to be crossed by the access road will be braced and tied off before cutting so as to prevent slacking in the wire. The opening shall be closed temporarily as necessary during construction to prevent the escape of livestock, and upon completion of construction the fence shall be repaired to BLM specifications.

10. **PLANS FOR RESTORATION OF SURFACE:**

- a) Producing Location

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

- b) Dry Hole Abandoned Location

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP** – State of Utah.

11. **OTHER ADDITIONAL INFORMATION :**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #01-177, 11/14/01. Paleontological Resource Survey prepared by, Wade Miller, 8/11/11. See attached report cover pages, Exhibit "D".

Surface Flow Line

Newfield requests 956' of surface flow line be granted. The Surface Flow Line will consist of up to a 14" bundled pipe consisting of 2-2" poly glycol lines and 1-3" production line. For all new wells, Newfield. **Refer to Topographic Map "C"** for the proposed location of the proposed flow line. Flow lines will be tan and will be constructed using the following procedures:

Clearing and Grading: No clearing or grading of the ROW will be required. The centerline of the proposed route will be staked prior to installation. Flow lines shall be placed as close to existing roads as possible without interfering with normal road travel or road maintenance activities. Due to the proximity of existing facilities, no temporary use or construction/storage areas are anticipated. If necessary, temporary use or construction/storage areas will be identified on a topographic map included in the approved permit.

Installation: The proposed flow lines will be installed 4-6" above the ground. For portions along existing two-track and primary access roads, lengths of pipe will be strung out in the borrow ditch, welded together, and rolled or dragged into place with heavy equipment. For pipelines that are installed cross-country (not along existing or proposed roads), travel along the lines will be infrequent and for maintenance needs only. No installation activities will be performed during periods when the soil is too wet to adequately support installation equipment. If such equipment creates ruts in excess of three (3) inches deep, the soil will be deemed too wet to adequately support the equipment.

Termination and Final Reclamation: After abandonment of the associated production facilities, the flow lines will be cut and removed, and any incidental surface disturbance reclaimed. Reclamation procedures will follow those outlined in the Castle Peak and Eight Mile Flat Reclamation and Weed Management Plan.

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.
- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities

Water Disposal

After first production, if the production water meets quality guidelines, it will be transported to the Ashley, Monument Butte, Jonah, South Wells Draw and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project. Water not meeting quality criteria, will be disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E), Federally approved surface disposal facilities or at a State of Utah approved surface disposal facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the GMBU M-32-8-18, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the GMBU M-32-8-18, Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

13. **LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:**

Representative

Name: Tim Eaton
Address: Newfield Production Company
Route 3, Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #M-32-8-18, Section 32, Township 8S, Range 18E: Lease ML-22058 Uintah County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by, Federal Bond #B001834.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

8/16/11
Date

Mandie Crozier
Regulatory Specialist
Newfield Production Company

2-M SYSTEM

Blowout Prevention Equipment Systems

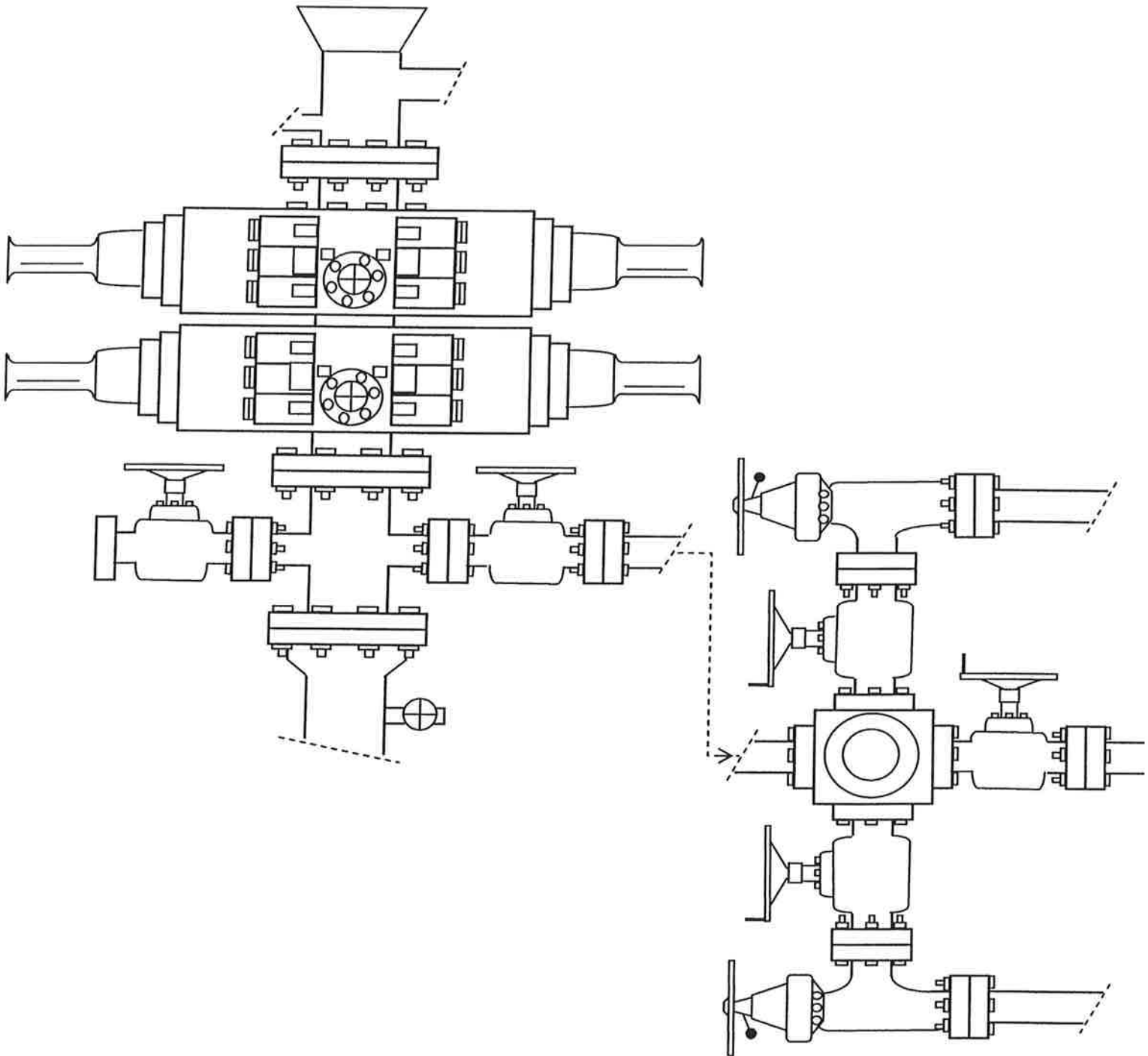


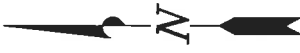
EXHIBIT C

NEWFIELD EXPLORATION COMPANY

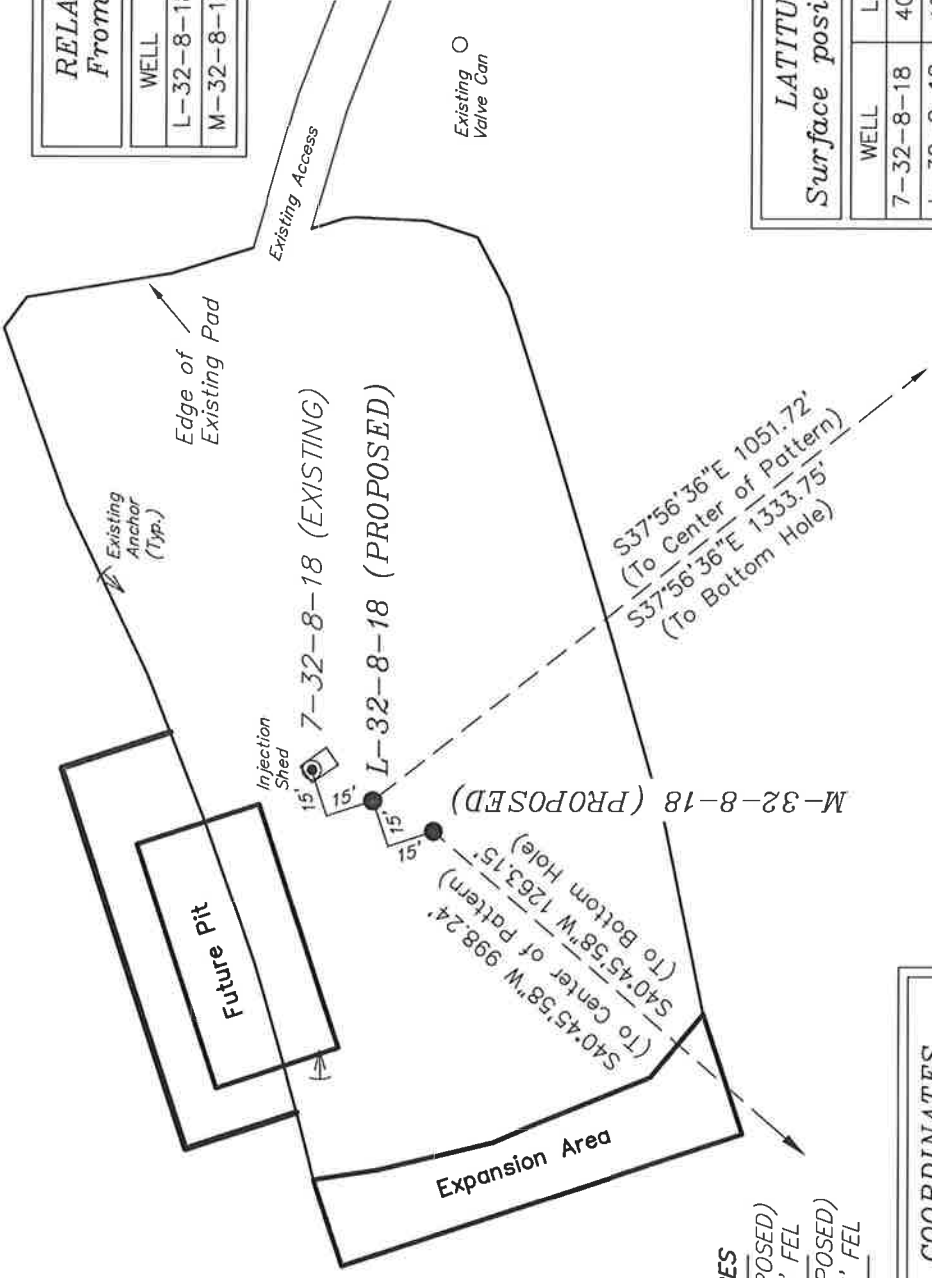
WELL PAD INTERFERENCE PLAT

- 7-32-8-18 (Existing Well)
- L-32-8-18 (Proposed Well)
- M-32-8-18 (Proposed Well)

Pad Location: SWNE Section 32, T8S, R18E, S.L.B.&M.



RELATIVE COORDINATES From Top Hole to C.O.P.		
WELL	NORTH	EAST
L-32-8-18	-829'	647'
M-32-8-18	-756'	-652'



CENTER OF PATTERN FOOTAGES	
L-32-8-18 (PROPOSED)	2780' FNL & 1180' FEL
M-32-8-18 (PROPOSED)	2700' FNL & 2800' FWL

BOTTOM HOLE FOOTAGES	
L-32-8-18 (PROPOSED)	2293' FSL & 1011' FEL
M-32-8-18 (PROPOSED)	2397' FSL & 2624' FWL

LATITUDE & LONGITUDE Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
7-32-8-18	40° 04' 35.15"	109° 54' 51.74"
L-32-8-18	40° 04' 34.97"	109° 54' 51.87"
M-32-8-18	40° 04' 34.78"	109° 54' 52.00"

RELATIVE COORDINATES From Top Hole to Bottom Hole		
WELL	NORTH	EAST
L-32-8-18	-1,052'	820'
M-32-8-18	-957'	-825'

Note:
Bearings are based on GPS Observations.

SURVEYED BY: K.S.	DATE SURVEYED: 06-21-11	VERSION: V1	Tri State <i>Land Surveying, Inc.</i> (435) 781-2501 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
DRAWN BY: F.T.M.	DATE DRAWN: 08-05-11		
SCALE: 1" = 60'	REVISED:		

NEWFIELD EXPLORATION COMPANY**LOCATION LAYOUT****7-32-8-18 (Existing Well)****L-32-8-18 (Proposed Well)****M-32-8-18 (Proposed Well)***Pad Location: SWNE Section 32, T8S, R18E, S.L.B.&M.***TOPSOIL STOCKPILE**

Approx. Dims. = 80'x30'x4'
 Approx. Area = 1,695 Sq. Ft.
 ±110 Cu. Yds.

*Proposed Expansion
 Area Required
 (0.13 = Acres)*

STA. 3+10

STA. 2+35

STA. 1+76

STA. 0+20

STA. 0+00

WELL HEAD:
**EXISTING GRADED
 GROUND = 5009'**

Existing
 Anchor
 (Typ.)

Edge of
 Existing Pad

Existing ○
 Valve Can

NOTE:

The topsoil & excess material areas are calculated as being mounds containing 1,380 cubic yards of dirt (a 10% fluff factor is included). The mound areas are calculated with push slopes of 1.5:1 & fall slopes of 1.5:1.

TOPSOIL STOCKPILE

Approx. Dims. = 95'x25'x5'
 Approx. Area = 2,251 Sq. Ft.
 ±300 Cu. Yds.

Note:

Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

EXCESS MATERIAL

Approx. Dims. = 140'x50'x9'
 Approx. Area = 6,347 Sq. Ft.
 ±970 Cu. Yds.

**DISTURBANCE
 BOUNDARY**

Note:

Topsoil to be Stripped From All New Construction Areas and Proposed Stock Pile Locations

SURVEYED BY: K.S.	DATE SURVEYED: 06-21-11	VERSION:
DRAWN BY: F.T.M.	DATE DRAWN: 08-05-11	V1
SCALE: 1" = 60'	REVISED:	

Tri State
Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078
 (435) 781-2501

NEWFIELD EXPLORATION COMPANY

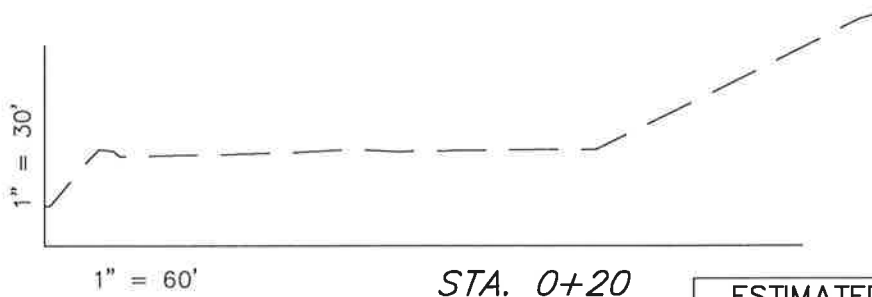
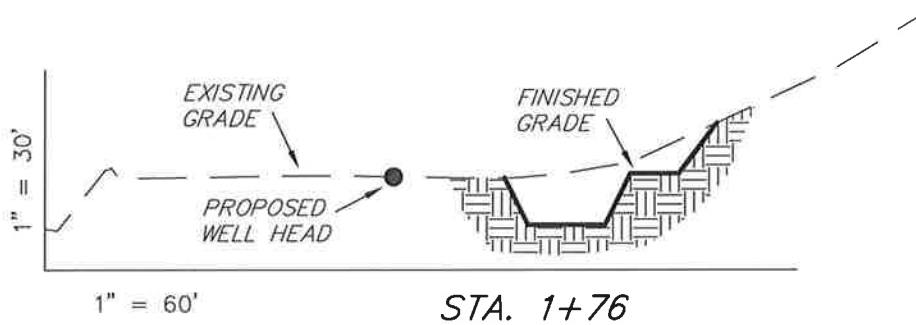
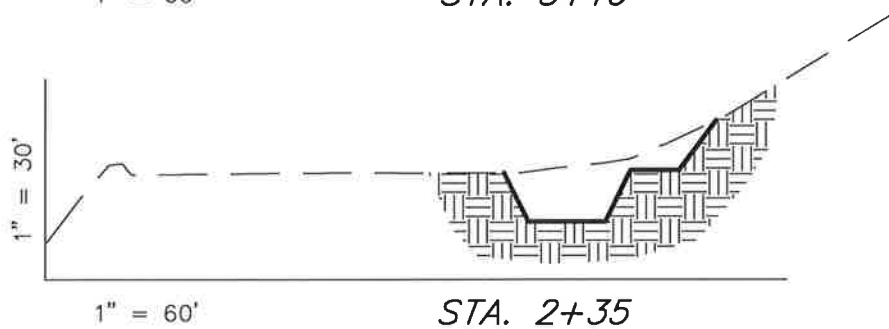
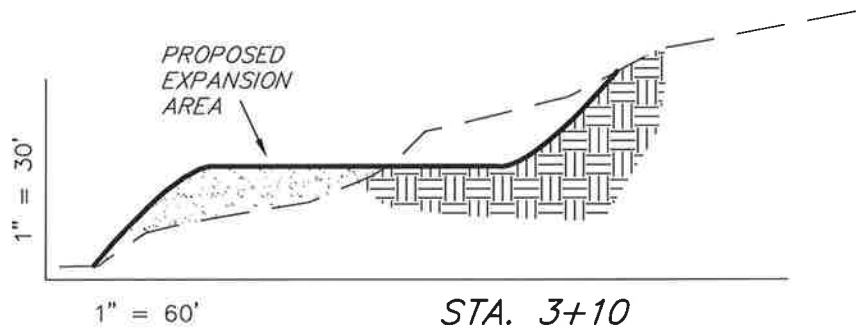
CROSS SECTIONS

7-32-8-18 (Existing Well)

L-32-8-18 (Proposed Well)

M-32-8-18 (Proposed Well)

Pad Location: SWNE Section 32, T8S, R18E, S.L.B.&M.



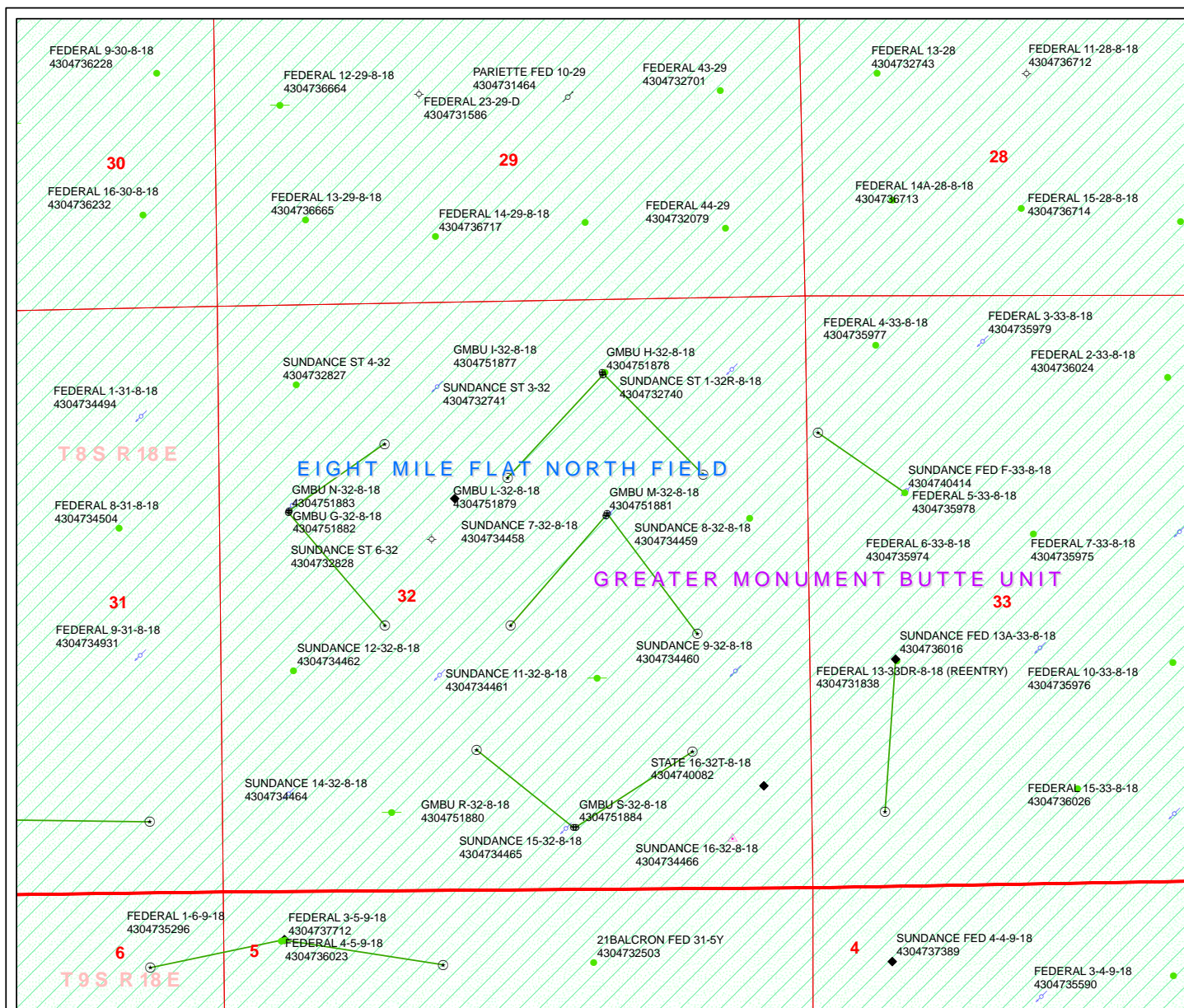
NOTE:
UNLESS OTHERWISE
NOTED ALL CUT/FILL
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	620	430	Topsoil is not included in Pad Cut	190
PIT	690	0		690
TOTALS	1,310	430	370	880

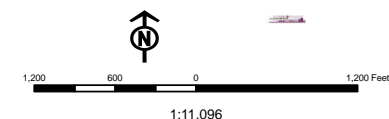
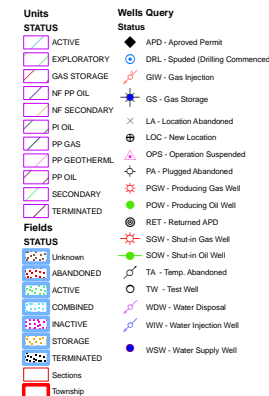
SURVEYED BY: K.S. DATE SURVEYED: 06-21-11 VERSION:
DRAWN BY: F.T.M. DATE DRAWN: 08-05-11
SCALE: 1" = 60' REVISED: V1

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501



API Number: 4304751881
Well Name: GMBU M-32-8-18
Township T0.8 . Range R1.8 . Section 32
Meridian: SLBM
Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:
 Map Produced by Diana Mason



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

August 19, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Greater Monument
Butte Unit, Duchesne and Uintah Counties,
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Greater Monument Butte Unit, Duchesne and Uintah Counties, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ GREEN RIVER)

43-047-51877	GMBU I-32-8-18	Sec 32 T08S R18E 0664 FNL 1838 FEL
	BHL	Sec 32 T08S R18E 1606 FNL 0944 FEL
43-047-51878	GMBU H-32-8-18	Sec 32 T08S R18E 0685 FNL 1835 FEL
	BHL	Sec 32 T08S R18E 1598 FNL 2618 FWL
43-047-51879	GMBU L-32-8-18	Sec 32 T08S R18E 1938 FNL 1813 FEL
	BHL	Sec 32 T08S R18E 2293 FSL 1011 FEL
43-047-51880	GMBU R-32-8-18	Sec 32 T08S R18E 0561 FSL 2149 FEL
	BHL	Sec 32 T08S R18E 1277 FSL 2297 FWL
43-047-51881	GMBU M-32-8-18	Sec 32 T08S R18E 1957 FNL 1823 FEL
	BHL	Sec 32 T08S R18E 2397 FSL 2624 FWL
43-047-51882	GMBU G-32-8-18	Sec 32 T08S R18E 1857 FNL 0640 FWL
	BHL	Sec 32 T08S R18E 1271 FNL 1512 FWL
43-047-51883	GMBU N-32-8-18	Sec 32 T08S R18E 1878 FNL 0634 FWL
	BHL	Sec 32 T08S R18E 2412 FSL 1488 FWL

RECEIVED: August 22, 2011

API #	WELL NAME	LOCATION
-------	-----------	----------

(Proposed PZ GREEN RIVER)

43-047-51884	GMBU S-32-8-18	Sec 32 T08S R18E 0566 FSL 2128 FEL
	BHL	Sec 32 T08S R18E 1233 FSL 1069 FEL

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management,
ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.08.19 09:57:42 -06'00'

bcc: File - Greater Monument Butte Unit

Division of Oil Gas and Mining

Central Files

Agr. Sec. Chron

Fluid Chron

MCoulthard:mc:8-19-11

RECEIVED: August 22, 2011

From: Jim Davis
To: Hill, Brad; Mason, Diana
CC: Bonner, Ed; Garrison, LaVonne; mcrozier@newfield.com; teaton@newfield...
Date: 9/20/2011 3:45 PM
Subject: Newfield APD approvals

The following APDs have been approved by SITLA including arch and paleo clearance.

4304751877 GMBU I-32-8-18
4304751878 GMBU H-32-8-18
4304751879 GMBU L-32-8-18
4304751880 GMBU R-32-8-18
4304751881 GMBU M-32-8-18
4304751882 GMBU G-32-8-18
4304751883 GMBU N-32-8-18
4304751884 GMBU S-32-8-18
4301350898 GMBU 1-2-9-15H
4301350906 GMBU R-2-9-15
4301350907 GMBU L-2-9-15
4301350908 GMBU H-2-9-15
4301350909 GMBU M-2-9-15
4301350910 GMBU N-2-9-15
4301350911 GMBU Q-2-9-15

Thanks.

-Jim

Jim Davis
Utah Trust Lands Administration
jimdavis1@utah.gov
Phone: (801) 538-5156

Well Name	NEWFIELD PRODUCTION COMPANY GMBU M-32-8-18 4304			
String	Surf	Prod		
Casing Size(in)	8.625	5.500		
Setting Depth (TVD)	300	6430		
Previous Shoe Setting Depth (TVD)	0	300		
Max Mud Weight (ppg)	8.3	8.4		
BOPE Proposed (psi)	500	2000		
Casing Internal Yield (psi)	2950	4810		
Operators Max Anticipated Pressure (psi)	2784	8.3		

Calculations	Surf String	8.625	"
Max BHP (psi)	.052*Setting Depth*MW=	129	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	93	YES air drill
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	63	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	63	NO
Required Casing/BOPE Test Pressure=		300	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

Calculations	Prod String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	2809	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	2037	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	1394	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	1460	NO Reasonable for area
Required Casing/BOPE Test Pressure=		2000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		300	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi

API Well Number: 43047518810000

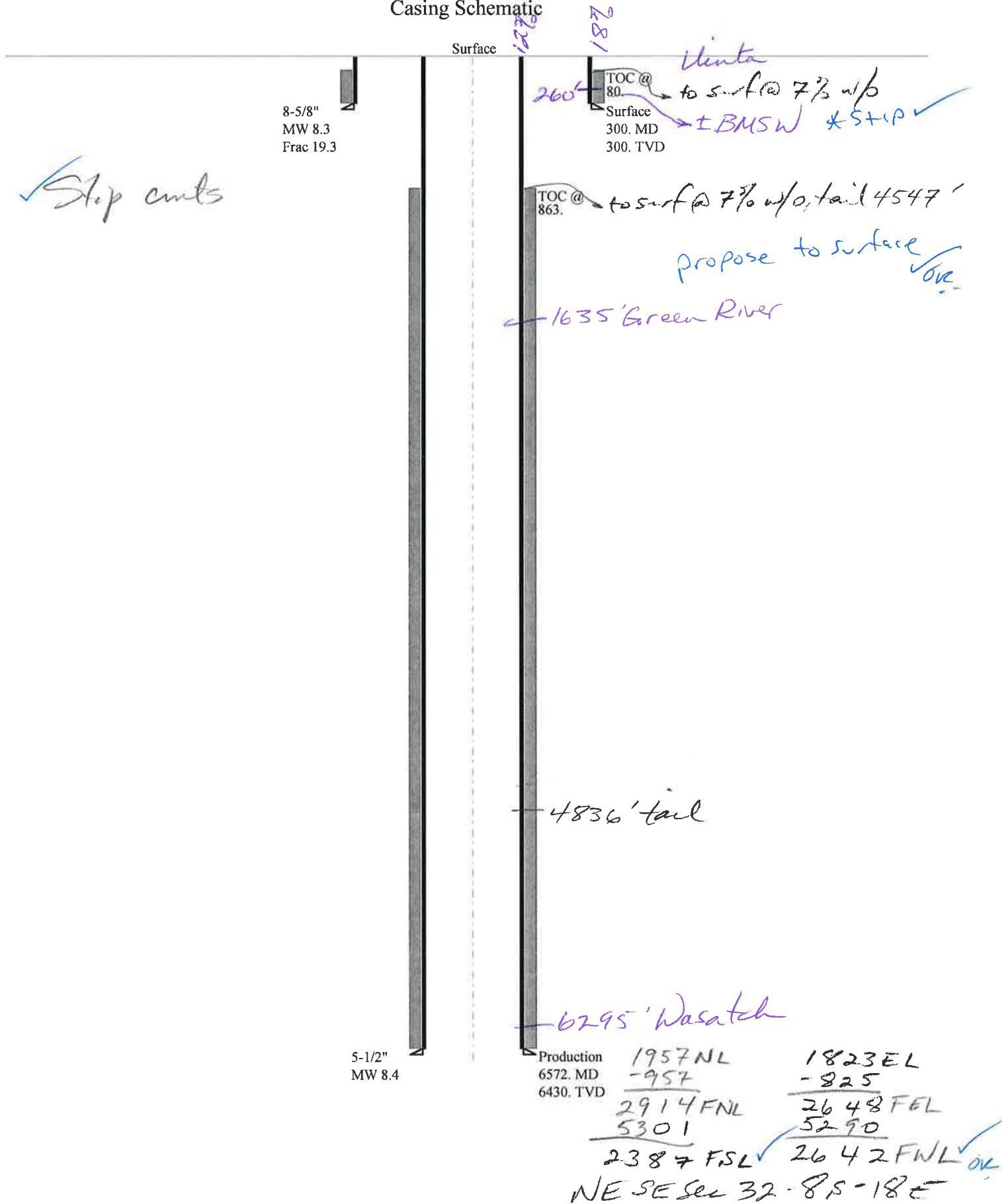
*Max Pressure Allowed @ Previous Casing Shoe=

psi *Assumes 1psi/ft frac gradient

RECEIVED: November 07, 2011

43047518810000 GMBU M-32-8-18

Casing Schematic



Well name:	43047518810000 GMBU M-32-8-18		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Surface	Project ID:	43-047-51881
Location:	UINTAH	COUNTY	

Design parameters:**Collapse**

Mud weight: 8.330 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 78 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 80 ft

Burst

Max anticipated surface pressure: 264 psi
Internal gradient: 0.120 psi/ft
Calculated BHP 300 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.70 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.50 (B)

Tension is based on air weight.
Neutral point: 262 ft

Non-directional string.**Re subsequent strings:**

Next setting depth: 6,430 ft
Next mud weight: 8.400 ppg
Next setting BHP: 2,806 psi
Fracture mud wt: 19.250 ppg
Fracture depth: 300 ft
Injection pressure: 300 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	300	8.625	24.00	J-55	ST&C	300	300	7.972	1544
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	130	1370	10.557	300	2950	9.83	7.2	244	33.90 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: October 27, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 300 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	43047518810000 GMBU M-32-8-18		
Operator:	NEWFIELD PRODUCTION COMPANY		
String type:	Production	Project ID:	43-047-51881
Location:	UINTAH	COUNTY	

Design parameters:**Collapse**

Mud weight: 8.400 ppg
Design is based on evacuated pipe.

Minimum design factors:**Collapse:**

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
Surface temperature: 74 °F
Bottom hole temperature: 164 °F
Temperature gradient: 1.40 °F/100ft
Minimum section length: 100 ft

Cement top: 863 ft

Burst

Max anticipated surface pressure: 1,391 psi
Internal gradient: 0.220 psi/ft
Calculated BHP 2,806 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
8 Round LTC: 1.80 (J)
Buttress: 1.60 (J)
Premium: 1.50 (J)
Body yield: 1.60 (B)

Directional Info - Build & Hold

Kick-off point 600 ft
Departure at shoe: 1263 ft
Maximum dogleg: 1.5 °/100ft
Inclination at shoe: 13.19 °

Tension is based on air weight.

Neutral point: 5,733 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	6572	5.5	15.50	J-55	LT&C	6430	6572	4.825	23206
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	2806	4040	1.440	2806	4810	1.71	99.7	217	2.18 J

Prepared Helen Sadik-Macdonald
by: Div of Oil, Gas & Mining

Phone: 801 538-5357
FAX: 801-359-3940

Date: October 27, 2011
Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6430 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.

VIA ELECTRONIC DELIVERY



November 8, 2011

State of Utah, Division of Oil, Gas and Mining
ATTN: Diana Mason
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: Directional Drilling
GMBU M-32-8-18
Greater Monument Butte (Green River) Unit

Surface Hole: T8S-R18E Section 32: SWNE (ML-22058)
1957' FNL 1823' FEL

At Target: T8S-R18E Section 32: NESW (ML-22058)
2397' FSL 2624' FWL

Uintah County, Utah

Dear Ms. Mason:

Pursuant to the filing by Newfield Production Company ("NPC") of an Application for Permit to Drill the above referenced well dated 8/16/2011, a copy of which is attached, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

The surface hole and target locations of this well are both within the boundaries of the Greater Monument Butte Unit (UTU-87538X), of which Newfield certifies that it is the operator. Further, Newfield certifies that all lands within 460 feet of the entire directional well bore are within the Greater Monument Butte Unit.

NPC is permitting this well as a directional well in order to mitigate surface disturbance by utilizing pre-existing roads and pipelines.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. If you have any questions or require further information, please contact the undersigned at 303-383-4153 or by email at pburns@newfield.com. Your consideration in this matter is greatly appreciated.

Sincerely,
Newfield Production Company

A handwritten signature in blue ink, appearing to read "PB", with a stylized flourish at the end.

Peter Burns
Land Associate

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐
(highlight changes)

APPLICATION FOR PERMIT TO DRILL				5. MINERAL LEASE NO. ML-22058	6. SURFACE: State
1A. TYPE OF WORK: DRILL <input checked="" type="checkbox"/> REENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/>				7. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA	
B. TYPE OF WELL: OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER _____ SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>				8. UNIT or CA AGREEMENT NAME: Greater Monument Butte	
2. NAME OF OPERATOR: Newfield Production Company				9. WELL NAME and NUMBER: GMBU M-32-8-18	
3. ADDRESS OF OPERATOR: Route #3 Box 3630 CITY Myton STATE UT ZIP 84052			PHONE NUMBER: (435) 646-3721		
4. LOCATION OF WELL (FOOTAGES) AT SURFACE: SW/NE 1957' FNL 1823' FEL Sec. 32 T8S R18E AT PROPOSED PRODUCING ZONE: NE/SW 2397' FSL 2624' FWL Sec. 32 T8S R18E				10. FIELD AND POOL, OR WILDCAT: Monument Butte	
11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SWNE 32 8S 18E				12. COUNTY: Uintah	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE: Approximately 20.3 miles southeast of Myton, Utah				13. STATE: UTAH	
15. DISTANCE TO NEAREST PROPERTY OR LEASE LINE (FEET) Approx. 2487' f/lse line, NA' f/unit line		16. NUMBER OF ACRES IN LEASE: 640.00 acres		17. NUMBER OF ACRES ASSIGNED TO THIS WELL: 20 acres	
18. DISTANCE TO NEAREST WELL (DRILLING, COMPLETED, OR APPLIED FOR) ON THIS LEASE (FEET) Approx. 1096'		19. PROPOSED DEPTH: 6,572		20. BOND DESCRIPTION: #B001834	
21. ELEVATIONS (SHOW WHETHER DF, RT, GR, ETC.): 5009' GL		22. APPROXIMATE DATE WORK WILL START: 4th Qtr. 2011		23. ESTIMATED DURATION: (15) days from SPUD to rig release	

24.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	CASING SIZE, GRADE, AND WEIGHT PER FOOT			SETTING DEPTH	CEMENT TYPE, QUANTITY, YIELD, AND SLURRY WEIGHT			
12 1/4	8 5/8	J-55	24.0	300	Class G w/2% CaCl	138 sx +/-	1.17	15.8
7 7/8	5 1/2	J-55	15.5	6,572	Lead(Prem Lite II)	316 sx +/-	3.26	11.0
					Tail (50/50 Poz)	363 sx +/-	1.24	14.3

25.

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES:

- | | |
|--|--|
| <input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
<input checked="" type="checkbox"/> EVIDENCE OF DIVISION OF WATER RIGHTS APPROVAL FOR USE OF WATER | <input checked="" type="checkbox"/> COMPLETE DRILLING PLAN
<input type="checkbox"/> FORM 5, IF OPERATOR IS PERSON OR COMPANY OTHER THAN THE LEASE OWNER |
|--|--|

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

SIGNATURE *Mandie Crozier* DATE 8/16/11

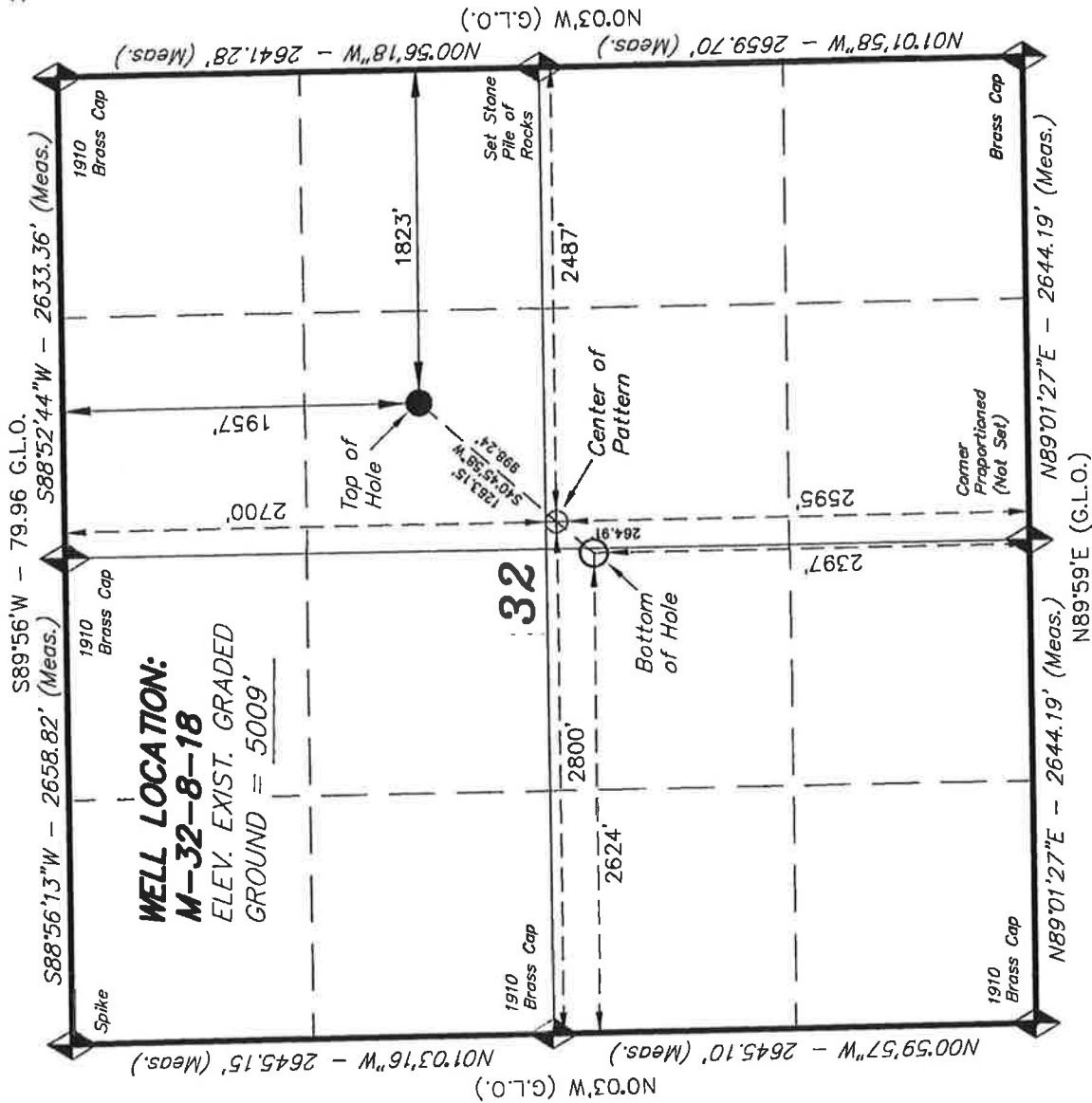
(This space for State use only)

API NUMBER ASSIGNED: _____

APPROVAL: _____

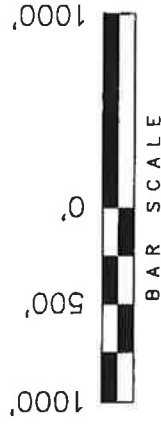
T8S, R18E, S.L.B.&M.

NEWFIELD EXPLORATION COMPANY



WELL LOCATION, M-32-8-18, LOCATED AS SHOWN IN THE SW 1/4 NE 1/4 OF SECTION 32, T8S, R18E, S.L.B.&M. UTAH COUNTY, UTAH.

TARGET BOTTOM HOLE, M-32-8-18, LOCATED AS SHOWN IN THE NE 1/4 SW 1/4 OF SECTION 32, T8S, R18E, S.L.B.&M. UTAH COUNTY, UTAH.



- NOTES:**
- Well footages are measured at right angles to the Section Lines.
 - Bearings are based on Global Positioning Satellite observations.

THIS IS TO CERTIFY THAT THE ABOVE DEED WAS PREPARED FROM FIELD NOTES OF A SURVEY MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

STACY W.
 REGISTERED LAND SURVEYOR
 REGISTRATION NO. 189377
 EXPIRATION DATE 08-05-11
 STATE OF UTAH

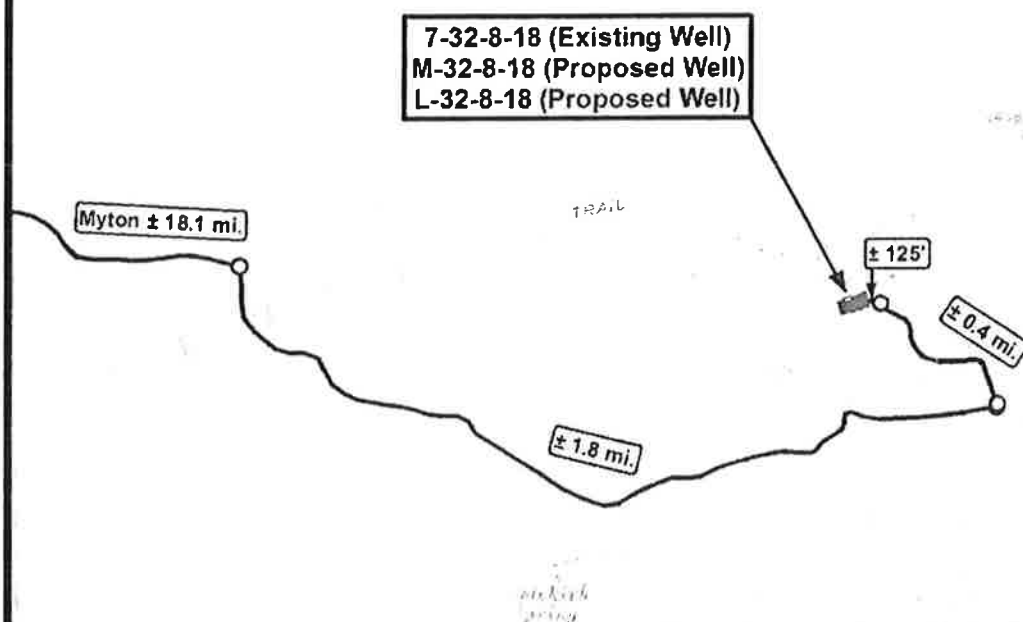
TRI STATE LAND SURVEYING & CONSULTING
 180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
 (435) 781-2501

DATE SURVEYED: 06-21-11	SURVEYED BY: K.S.	VERSION:
DATE DRAWN: 08-05-11	DRAWN BY: F.T.M.	V1
REVISED:	SCALE: 1" = 1000'	

M-32-8-18
 (Surface Location) **NAD 83**
 LATITUDE = 40° 04' 34.78"
 LONGITUDE = 109° 54' 52.00"

◆ = SECTION CORNERS LOCATED
 BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

Access Road Map



Legend

—○— Existing Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.



**Tri State
Land Surveying, Inc.**

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501
F: (435) 781-2518



NEWFIELD EXPLORATION COMPANY

7-32-8-18 (Existing Well)
M-32-8-18 (Proposed Well)
L-32-8-18 (Proposed Well)
SEC. 32, T8S, R18E, S.L.B.&M. Uintah County, UT.

DRAWN BY:	C.H.M.	REVISED:	VERSION:
DATE:	08-03-2011		V1
SCALE:	1" = 2,000'		

TOPOGRAPHIC MAP

SHEET
B

ON-SITE PREDRILL EVALUATION

Utah Division of Oil, Gas and Mining

Operator	NEWFIELD PRODUCTION COMPANY				
Well Name	GMBU M-32-8-18				
API Number	43047518810000	APD No	4460	Field/Unit	EIGHT MILE FLAT
Location: 1/4,1/4	SWNE	Sec	32	Tw	8.0S
		Rng	18.0E	1957	FNL 1823 FEL
GPS Coord (UTM)	Surface Owner				

Participants

M. Jones (UDOGM), T. Eaton (Newfield).

Regional/Local Setting & Topography

This proposed well is staked on an existing well location for the 7-32-8-18 well. A small additional pad disturbance on the west side is anticipated for the location. The old pit area will be utilized. The topography surrounding the location is rolling, gravelly, low sage hills. With dry wash drainages running in various directions throughout the area. The site is approximately 18 road miles southeast Myton, Utah. The drainage diversion on the hill to the north of the location should be extended to the west to capture and keep more runoff from entering the pad.

Surface Use Plan

Current Surface Use

Grazing
Wildlife Habitat
Existing Well Pad

New Road Miles	Well Pad	Src Const Material	Surface Formation
0	Width 120 Length 311	Onsite	

Ancillary Facilities

Waste Management Plan Adequate?

Environmental Parameters

Affected Floodplains and/or Wetlands N

Flora / Fauna

existing well pad.

Soil Type and Characteristics

gravelly clay.

Erosion Issues N

Sedimentation Issues N

Site Stability Issues N

Drainage Diversion Required? N

Berm Required? Y

mainatian pad berms.

Erosion Sedimentation Control Required? N**Paleo Survey Run? Y Paleo Potential Observed? N Cultural Survey Run? Y Cultural Resources? N****Reserve Pit****Site-Specific Factors****Site Ranking**

Distance to Groundwater (feet)	>200	0
Distance to Surface Water (feet)	>1000	0
Dist. Nearest Municipal Well (ft)	>5280	0
Distance to Other Wells (feet)		20
Native Soil Type	Mod permeability	10
Fluid Type	Fresh Water	5
Drill Cuttings	Normal Rock	0
Annual Precipitation (inches)		0
Affected Populations		
Presence Nearby Utility Conduits	Not Present	0
Final Score		35 1 Sensitivity Level

Characteristics / Requirements

Dugout earthen (80' x 40' x 8').

Closed Loop Mud Required? N Liner Required? Y Liner Thickness 16 Pit Underlayment Required? N**Other Observations / Comments**Mark Jones
Evaluator8/31/2011
Date / Time

Application for Permit to Drill Statement of Basis

11/8/2011

Utah Division of Oil, Gas and Mining

Page 1

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
4460	43047518810000	SITLA	OW	S	No
Operator	NEWFIELD PRODUCTION COMPANY		Surface Owner-APD		
Well Name	GMBU M-32-8-18		Unit	GMBU (GRRV)	
Field	EIGHT MILE FLAT		Type of Work	DRILL	
Location	SWNE 32 8S 18E S 1957 FNL 1823 FEL GPS Coord (UTM)			592567E	4436799N

Geologic Statement of Basis

Newfield proposes to set 300' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 260'. A search of Division of Water Rights records shows no water wells within a 10,000 foot radius of the center of Section 32. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be an interconnected, high volume source of useable ground water. The proposed surface casing should adequately protect useable ground water in this area.

Brad Hill
APD Evaluator

9/27/2011
Date / Time

Surface Statement of Basis

This proposed well is staked on an existing well location for the 7-32-8-18 well. A small additional pad disturbance on the west side is anticipated for the location. The old pit area will be utilized. The topography surrounding the location is rolling, gravelly, low sage hills. With dry wash drainages running in various directions throughout the area. The site is approximately 18 road miles southeast Myton, Utah. The drainage diversion on the hill to the north of the location should be extended to the west to capture and keep more runoff from entering the pad.

Mark Jones
Onsite Evaluator

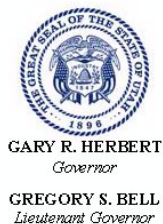
8/31/2011
Date / Time

Conditions of Approval / Application for Permit to Drill

Category	Condition
Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.
Surface	Drainages adjacent to the proposed pad shall be diverted around the location. Extend the drainage diversion on the hill north of the location farther west to the rough edge of the pad.
Surface	The reserve pit shall be fenced upon completion of drilling operations.

WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 8/16/2011**API NO. ASSIGNED:** 43047518810000**WELL NAME:** GMBU M-32-8-18**OPERATOR:** NEWFIELD PRODUCTION COMPANY (N2695)**PHONE NUMBER:** 435 646-4825**CONTACT:** Mandie Crozier**PROPOSED LOCATION:** SWNE 32 080S 180E**Permit Tech Review:** ☒**SURFACE:** 1957 FNL 1823 FEL**Engineering Review:** ☒**BOTTOM:** 2397 FSL 2624 FWL**Geology Review:** ☒**COUNTY:** UINTAH**LATITUDE:** 40.07638**LONGITUDE:** -109.91437**UTM SURF EASTINGS:** 592567.00**NORTHINGS:** 4436799.00**FIELD NAME:** EIGHT MILE FLAT**LEASE TYPE:** 3 - State**LEASE NUMBER:** ML-22058**PROPOSED PRODUCING FORMATION(S):** GREEN RIVER**SURFACE OWNER:** 3 - State**COALBED METHANE:** NO**RECEIVED AND/OR REVIEWED:**☒ **PLAT**☒ **Bond:** STATE/FEE - B001834☐ **Potash**☐ **Oil Shale 190-5**☐ **Oil Shale 190-3**☐ **Oil Shale 190-13**☒ **Water Permit:** 437478☐ **RDCC Review:**☐ **Fee Surface Agreement**☐ **Intent to Commingle****Commingle Approved****LOCATION AND SITING:**☐ **R649-2-3.****Unit:** GMBU (GRRV)☐ **R649-3-2. General**☐ **R649-3-3. Exception**☒ **Drilling Unit****Board Cause No:** Cause 213-11**Effective Date:** 11/30/2009**Siting:** Suspends General Siting☒ **R649-3-11. Directional Drill****Comments:** Presite Completed**Stipulations:**
5 - Statement of Basis - bhill
15 - Directional - dmason
25 - Surface Casing - ddoucet
27 - Other - bhill**RECEIVED: November 08, 2011**



State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

Permit To Drill

Well Name: GMBU M-32-8-18
API Well Number: 43047518810000
Lease Number: ML-22058
Surface Owner: STATE
Approval Date: 11/8/2011

Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

Authority:

Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 213-11. The expected producing formation or pool is the GREEN RIVER Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Production casing cement shall be brought up to or above the top of the unitized interval for the Greater Monument Butte Unit (Cause No. 213-11).

Surface casing shall be cemented to the surface.

Additional Approvals:

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan – contact Dustin Doucet
- Significant plug back of the well – contact Dustin Doucet
- Plug and abandonment of the well – contact Dustin Doucet

Notification Requirements:

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels
OR
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing – contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program – contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well – contact Dan Jarvis

Contact Information:

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office
801-231-8956 - after office hours

Reporting Requirements:

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:



For John Rogers
Associate Director, Oil & Gas

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 29 Submitted By
Branden Arnold Phone Number 435-401-0223

Well Name/Number GMBU M-32-8-18

Qtr/Qtr SW/NE Section 32 Township 8S Range 18E

Lease Serial Number ML-22058

API Number 43-047-51881

Spud Notice – Spud is the initial spudding of the well, not drilling
out below a casing string.

Date/Time 6/28/12 4:00 AM ☐ PM ☒

Casing – Please report time casing run starts, not cementing
times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 6/28/12 9:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO	NEW ENTITY NO	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
B	99999	17400	4301351047	GMBU S-4-9-17	NWSE	4	9S	17E	DUCHESNE	6/30/2012	7/18/12
WELL 1 COMMENTS: GRRV BHL: Sese											
B	99999	17400	4304751881	GMBU M-32-8-18	SWNE	32	8S	18E	UINTAH	6/29/2012	7/18/12
GRRV BHL: nesw											
B	99999	17400	4301351225	GMBU F-36-8-17	SWNW	36	8S	17E	DUCHESNE	6/26/2012	7-18-12
GRRV BHL: SWNW											
B	99999	17400	4304751540	GMBU N-36-8-17	SWNW	36	8S	17E	UINTAH	6/27/2012	7-18-12
GRRV BHL: nesw											
B	99999	17400	4301351115	GMBU M-6-9-16	NWSE	6	9S	16E	DUCHESNE	7/3/2012	7-18-12
GRRV BHL: Selnw											
A	99999	18612	4301351370	LUSTY 14-2-3-3W	SESW	2	3S	3W	DUCHESNE	7/4/2012	7-18-12
WSTC											

ACTION CODES (See instructions on back of form)

- A - 1 new entity for new well (single well only)
- B - 1 well to existing entity (group or unit well)
- C - from one existing entity to another existing entity
- D - well from one existing entity to a new entity
- E - tier (explain in comments section)

RECEIVED

JUL 11 2012

Div. of Oil, Gas & Mining

Tabitha Timothy
Signature

Tabitha Timothy

Production Clerk

07/09/12

NOTE: Use COMMENT section to explain why each Action Code was selected.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NUMBER: UTAH STATE ML-22058
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY			6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052			7. UNIT or CA AGREEMENT NAME: GMBU
PHONE NUMBER 435.646.3721			8. WELL NAME and NUMBER: GMBU M-32-8-18
4. LOCATION OF WELL: 1957 FWL 1823 FEL FOOTAGES AT SURFACE:			9. API NUMBER: 4304751881
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: , 32, T8S, R18E			10. FIELD AND POOL, OR WILDCAT: GREATER MB UNIT
			COUNTY: UINTAH
			STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/03/2012	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	


12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 6/29/12 MIRU Ross #29. Spud well @4:00 PM. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24# csgn. Set @ 329.99. On 7/3/12 cement with 160 sks of class "G" w/ 2% CaCL2 + 0.25#/sk Cello- Flake Mixed @ 15.8ppg w/ 1.17ft3/sk yield. Returned 5 barrels cement to pit. WOC.

RECEIVED

AUG 06 2012

DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) <u>Branden Arnold</u>	TITLE _____
SIGNATURE <u></u>	DATE <u>07/03/2012</u>

(This space for State use only)

RECEIVED

AUG 06 2012

DIV. OF OIL, GAS & MINING

Casing / Liner Detail

Well GMBU M-32-8-18
Prospect Monument Butte
Foreman
Run Date:
String Type Surface, 8.625", 24#, J-55, STC (Generic)

- Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
323.99			10' BK		
324.57	1.42		Wellhead		
325.99	-2.00	-1	Cutt Off	8.625	
10.00	269.37	6	8 5/8 Casing	8.625	
279.37	44.30	1	Shoe Jiont	8.625	
323.67	0.90	1	Guide Shoe	8.625	
324.57			-		

Cement Detail

Cement Company: BJ					
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft³)	Description - Slurry Class and Additives
Slurry 1	160	15.8	1.17	187.2	Class G+2%kcl+.25#CF

Stab-In-Job? No BHT: 0 Initial Circulation Pressure: Initial Circulation Rate: Final Circulation Pressure: Final Circulation Rate: Displacement Fluid: Water Displacement Rate: Displacement Volume: Mud Returns: Centralizer Type And Placement: Middle of first, top of second and third for a total of three.	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Cement To Surface?</td><td>Yes</td></tr> <tr><td>Est. Top of Cement:</td><td>0</td></tr> <tr><td>Plugs Bumped?</td><td>Yes</td></tr> <tr><td>Pressure Plugs Bumped:</td><td>340</td></tr> <tr><td>Floats Holding?</td><td>No</td></tr> <tr><td>Casing Stuck On / Off Bottom?</td><td>No</td></tr> <tr><td>Casing Reciprocated?</td><td>No</td></tr> <tr><td>Casing Rotated?</td><td>No</td></tr> <tr><td>CIP:</td><td>9:41</td></tr> <tr><td>Casing Wt Prior To Cement:</td><td></td></tr> <tr><td>Casing Weight Set On Slips:</td><td></td></tr> </table>	Cement To Surface?	Yes	Est. Top of Cement:	0	Plugs Bumped?	Yes	Pressure Plugs Bumped:	340	Floats Holding?	No	Casing Stuck On / Off Bottom?	No	Casing Reciprocated?	No	Casing Rotated?	No	CIP:	9:41	Casing Wt Prior To Cement:		Casing Weight Set On Slips:	
Cement To Surface?	Yes																						
Est. Top of Cement:	0																						
Plugs Bumped?	Yes																						
Pressure Plugs Bumped:	340																						
Floats Holding?	No																						
Casing Stuck On / Off Bottom?	No																						
Casing Reciprocated?	No																						
Casing Rotated?	No																						
CIP:	9:41																						
Casing Wt Prior To Cement:																							
Casing Weight Set On Slips:																							

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22058
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630 , Myton, UT, 84052		8. WELL NAME and NUMBER: GMBU M-32-8-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1957 FNL 1823 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 32 Township: 08.0S Range: 18.0E Meridian: S		9. API NUMBER: 43047518810000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: EIGHT MILE FLAT
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 8/24/2012	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input checked="" type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The above well was placed on production on 08/24/2012 at 08:00 hours. Production Start Sundry resent on 10/03/2012.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY October 11, 2012		
NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 10/3/2012	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: _____

2. Name of Operator
NEWFIELD EXPLORATION COMPANY

3. Address
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1957' FNL & 1823' FEL (SW/NE) SEC. 32, T8S, R18E (ML-22058)

At top prod. interval reported below 2617' FSL & 2429' FEL (NW/SE) SEC. 32, T8S, R18E (ML-22058)

At total depth 2390' FSL & 2636' FEL (NW/SE) SEC. 32, T8S, R18E (ML-22058) BHL by HSM

14. Date Spudded
06/29/2012

15. Date T.D. Reached
07/29/2012

16. Date Completed 08/24/2012
☐ D & A ☒ Ready to Prod.

5. Lease Serial No.
ML-22058

6. If Indian, Allottee or Tribe Name
NA

7. Unit or CA Agreement Name and No.
GMBU (GRRV)

8. Lease Name and Well No.
GMBU M-32-8-18

9. AFI Well No.
43-047-51881

10. Field and Pool or Exploratory
MONUMENT BUTTE

11. Sec., T., R., M., on Block and
Survey or Area SEC. 32, T8S, R18E

12. County or Parish

13. State

UINTAH

UT

17. Elevations (DF, RKB, RT, GL)*
5009' GL 5019' KB

18. Total Depth: MD 6572'
TVD 6433'

19. Plug Back T.D.: MD 6511'
TVD 6372

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#	0	324'		160 CLASS "G"			
7-7/8"	5-1/2" J-55	15.5#	0	6555'		240 PRIMLITE		332'	
						460 50/50 POZ			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 6207'	TA @ 6109'						

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Green River	5027'	6112'	5027-6122'	.34"	66	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5027-6112'	Frac w/ 378301# 20/40 white sand and 2061 bbls Lightning 17 fluid, in 5 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/23/12	9/2/12	24	→	59	65	56			2-1/2" x 1-3/4" x 20' RHAC Pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER	5027'	6122'		GARDEN GULCH MARKER GARDEN GULCH 1	4064' 4237'
				GARDEN GULCH 2 POINT 3 MARKER	4357' 4633'
				X MRKR Y MRKR	4849' 4886'
				DOUGLAS CREEK MRKR BI-CARBONATE	5020' 5272'
				B LIMESTONE CASTLE PEAK	5415' 5856'
				BASAL CARBONATE WASATCH	6278' 6398'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☒ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Jennifer Peatross

Title Production Technician

Signature

Date 10/20/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

NEWFIELD



NEWFIELD EXPLORATION

USGS Myton SW (UT)

SECTION 32 T8, R18

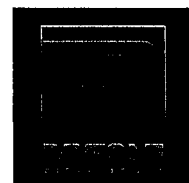
M-32-8-18

Wellbore #1

Design: Actual

Standard Survey Report

10 September, 2012





Company:	NEWFIELD EXPLORATION	Local Co-ordinate Reference:	Well M-32-8-18
Project:	USGS Myton SW (UT)	TVD Reference:	M-32-8-18 @ 5021.0ft (NDSI SS #2)
Site:	SECTION 32 T8, R18	MD Reference:	M-32-8-18 @ 5021.0ft (NDSI SS #2)
Well:	M-32-8-18	North Reference:	True
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Actual	Database:	EDM 2003.21 Single User Db

Project USGS Myton SW (UT), DUCHESNE COUNTY, UT, USA

Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site SECTION 32 T8, R18

Site Position:		Northing:	7,200,263.45 ft	Latitude:	40° 4' 35.740 N
From:	Lat/Long	Easting:	2,067,256.45 ft	Longitude:	109° 58' 28.340 W
Position Uncertainty:	0.0 ft	Slot Radius:	"	Grid Convergence:	0.98 °

Well M-32-8-18, SHL LAT: 40 04 34.78 LONG: -109 54 52.00

Well Position	+N/-S	0.0 ft	Northing:	7,200,458.75 ft	Latitude:	40° 4' 34.780 N
	+E/-W	0.0 ft	Easting:	2,084,071.49 ft	Longitude:	109° 54' 52.000 W
Position Uncertainty		0.0 ft	Wellhead Elevation:	5,021.0 ft	Ground Level:	5,009.0 ft

Wellbore Wellbore #1

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	7/21/2011	11.25	65.85	52,303

Design Actual

Audit Notes:

Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.0	0.0	0.0	220.77	

Survey Program Date 9/10/2012

From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description
347.0	6,572.0	Survey #1 (Wellbore #1)	MWD	MWD - Standard

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
347.0	0.88	105.70	347.0	-0.7	2.6	-1.1	0.25	0.25	0.00
377.0	0.88	104.40	377.0	-0.8	3.0	-1.3	0.07	0.00	-4.33
408.0	1.00	148.70	408.0	-1.1	3.4	-1.4	2.31	0.39	142.90
438.0	1.10	150.00	438.0	-1.6	3.7	-1.2	0.34	0.33	4.33
469.0	1.30	167.10	469.0	-2.2	3.9	-0.9	1.32	0.65	55.16
499.0	1.67	179.00	499.0	-3.0	4.0	-0.3	1.60	1.23	39.67
530.0	1.60	190.90	529.9	-3.9	3.9	0.4	1.12	-0.23	38.39
560.0	1.90	206.70	559.9	-4.7	3.6	1.2	1.88	1.00	52.67
590.0	2.00	208.30	589.9	-5.6	3.1	2.2	0.38	0.33	5.33
621.0	2.24	211.90	620.9	-6.6	2.5	3.3	0.89	0.77	11.61
651.0	2.30	216.00	650.9	-7.6	1.9	4.5	0.58	0.20	13.67
681.0	2.70	221.00	680.8	-8.6	1.1	5.8	1.52	1.33	16.67



Payzone Directional

Survey Report



Company: NEWFIELD EXPLORATION
 Project: USGS Myton SW (UT)
 Site: SECTION 32 T8, R18
 Well: M-32-8-18
 Wellbore: Wellbore #1
 Design: Actual

Local Co-ordinate Reference: Well M-32-8-18
 TVD Reference: M-32-8-18 @ 5021.0ft (NDSI SS #2)
 MD Reference: M-32-8-18 @ 5021.0ft (NDSI SS #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
712.0	2.60	222.90	711.8	-9.7	0.1	7.3	0.43	-0.32	6.13
742.0	2.50	223.40	741.8	-10.6	-0.8	8.6	0.34	-0.33	1.67
773.0	2.90	222.50	772.7	-11.7	-1.8	10.0	1.30	1.29	-2.90
803.0	3.00	223.10	802.7	-12.8	-2.8	11.6	0.35	0.33	2.00
834.0	3.60	222.90	833.7	-14.2	-4.1	13.4	1.94	1.94	-0.65
864.0	4.20	220.20	863.6	-15.7	-5.4	15.4	2.09	2.00	-9.00
895.0	4.90	219.20	894.5	-17.6	-7.0	17.9	2.27	2.26	-3.23
925.0	5.50	217.90	924.4	-19.7	-8.7	20.6	2.04	2.00	-4.33
956.0	5.90	217.90	955.2	-22.1	-10.6	23.7	1.29	1.29	0.00
987.0	6.40	222.80	986.0	-24.7	-12.7	27.0	2.34	1.61	15.81
1,017.0	6.90	228.60	1,015.8	-27.1	-15.2	30.4	2.79	1.67	19.33
1,061.0	7.80	228.60	1,059.5	-30.8	-19.4	36.0	2.05	2.05	0.00
1,105.0	8.40	225.00	1,103.0	-35.0	-23.9	42.2	1.79	1.36	-8.18
1,148.0	8.80	226.40	1,145.5	-39.5	-28.5	48.6	1.05	0.93	3.26
1,192.0	9.40	225.20	1,189.0	-44.4	-33.5	55.5	1.43	1.36	-2.73
1,236.0	10.10	223.20	1,232.4	-49.7	-38.7	63.0	1.77	1.59	-4.55
1,280.0	11.10	224.30	1,275.6	-55.6	-44.3	71.0	2.32	2.27	2.50
1,324.0	11.60	223.10	1,318.7	-61.8	-50.3	79.7	1.26	1.14	-2.73
1,367.0	12.30	220.30	1,360.8	-68.5	-56.2	88.6	2.11	1.63	-6.51
1,411.0	13.30	219.30	1,403.7	-76.0	-62.5	98.3	2.33	2.27	-2.27
1,455.0	14.00	219.20	1,446.5	-84.0	-69.0	108.7	1.59	1.59	-0.23
1,499.0	14.30	220.00	1,489.1	-92.3	-75.9	119.5	0.81	0.68	1.82
1,543.0	14.50	220.50	1,531.8	-100.7	-83.0	130.4	0.54	0.45	1.14
1,586.0	14.50	220.70	1,573.4	-108.8	-90.0	141.2	0.12	0.00	0.47
1,630.0	14.60	222.10	1,616.0	-117.1	-97.3	152.2	0.83	0.23	3.18
1,674.0	14.90	222.30	1,658.5	-125.4	-104.8	163.4	0.69	0.68	0.45
1,718.0	15.00	222.70	1,701.0	-133.8	-112.5	174.8	0.33	0.23	0.91
1,762.0	14.90	222.70	1,743.5	-142.1	-120.2	186.1	0.23	-0.23	0.00
1,805.0	14.40	221.70	1,785.1	-150.2	-127.5	197.0	1.30	-1.16	-2.33
1,849.0	14.00	220.70	1,827.8	-158.3	-134.6	207.8	1.07	-0.91	-2.27
1,893.0	13.90	221.20	1,870.5	-166.3	-141.5	218.4	0.36	-0.23	1.14
1,937.0	13.40	220.90	1,913.3	-174.1	-148.3	228.8	1.15	-1.14	-0.68
1,980.0	12.80	220.20	1,955.1	-181.6	-154.7	238.5	1.44	-1.40	-1.63
2,024.0	12.70	218.70	1,998.1	-189.1	-160.9	248.2	0.79	-0.23	-3.41
2,068.0	13.20	219.30	2,040.9	-196.7	-167.1	258.1	1.18	1.14	1.36
2,112.0	13.05	220.25	2,083.8	-204.4	-173.5	268.1	0.60	-0.34	2.16
2,156.0	12.80	219.00	2,126.7	-212.0	-179.7	277.9	0.85	-0.57	-2.84
2,199.0	13.30	220.20	2,168.6	-219.5	-185.9	287.6	1.32	1.16	2.79
2,243.0	13.10	218.70	2,211.4	-227.2	-192.3	297.7	0.90	-0.45	-3.41
2,287.0	12.90	218.50	2,254.3	-234.9	-198.5	307.5	0.47	-0.45	-0.45
2,331.0	13.30	218.60	2,297.1	-242.7	-204.7	317.5	0.91	0.91	0.23
2,375.0	13.40	218.60	2,339.9	-250.7	-211.0	327.7	0.23	0.23	0.00
2,418.0	13.70	221.00	2,381.7	-258.4	-217.5	337.7	1.48	0.70	5.58
2,462.0	13.75	221.00	2,424.5	-266.3	-224.3	348.2	0.11	0.11	0.00
2,506.0	13.90	220.70	2,467.2	-274.3	-231.2	358.7	0.38	0.34	-0.68
2,550.0	13.80	222.45	2,509.9	-282.1	-238.2	369.2	0.98	-0.23	3.98
2,593.0	14.10	224.70	2,551.7	-289.6	-245.3	379.6	1.44	0.70	5.23
2,637.0	14.20	226.10	2,594.3	-297.2	-253.0	390.3	0.81	0.23	3.18
2,681.0	14.10	225.60	2,637.0	-304.7	-260.7	401.0	0.36	-0.23	-1.14
2,725.0	13.45	224.20	2,679.7	-312.1	-268.1	411.5	1.66	-1.48	-3.18
2,769.0	12.60	224.80	2,722.6	-319.2	-275.1	421.3	1.96	-1.93	1.36
2,812.0	12.20	224.45	2,764.6	-325.7	-281.6	430.6	0.95	-0.93	-0.81
2,856.0	12.20	221.40	2,807.6	-332.6	-287.9	439.8	1.46	0.00	-6.93
2,944.0	12.80	222.40	2,893.5	-346.7	-300.6	458.9	0.72	0.68	1.14



Company: NEWFIELD EXPLORATION
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 Site: SECTION 32 T8, R18
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 Wellbore: Wellbore #1
 Design: Actual

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 TVD Reference: M-32-8-18 @ 5021.0ft (NDSI SS #2)
 MD Reference: M-32-8-18 @ 5021.0ft (NDSI SS #2)
 North Reference: True
 Survey Calculation Method: Minimum Curvature
 Database: EDM 2003.21 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
2,988.0	12.50	221.70	2,936.4	-353.9	-307.1	468.5	0.77	-0.68	-1.59
3,031.0	12.00	220.25	2,978.5	-360.8	-313.0	477.6	1.37	-1.16	-3.37
3,075.0	11.50	218.85	3,021.5	-367.7	-318.8	486.6	1.31	-1.14	-3.18
3,119.0	11.30	216.40	3,064.7	-374.6	-324.1	495.3	1.19	-0.45	-5.57
3,163.0	11.40	218.40	3,107.8	-381.4	-329.3	503.9	0.92	0.23	4.55
3,207.0	11.40	216.60	3,150.9	-388.3	-334.6	512.6	0.81	0.00	-4.09
3,250.0	11.40	214.90	3,193.1	-395.2	-339.6	521.1	0.78	0.00	-3.95
3,294.0	11.70	217.80	3,236.2	-402.3	-344.8	529.9	1.49	0.68	6.59
3,338.0	12.60	218.80	3,279.2	-409.6	-350.5	539.1	2.10	2.05	2.27
3,382.0	13.00	220.10	3,322.1	-417.1	-356.7	548.9	1.12	0.91	2.95
3,426.0	12.90	218.20	3,365.0	-424.8	-363.0	558.7	0.99	-0.23	-4.32
3,469.0	13.20	218.50	3,406.9	-432.4	-369.0	568.4	0.72	0.70	0.70
3,513.0	14.20	221.70	3,449.7	-440.3	-375.7	578.8	2.85	2.27	7.27
3,557.0	14.70	222.40	3,492.3	-448.5	-383.1	589.8	1.20	1.14	1.59
3,601.0	14.60	222.00	3,534.8	-456.7	-390.5	600.9	0.32	-0.23	-0.91
3,646.0	13.60	219.80	3,578.5	-465.0	-397.7	611.9	2.52	-2.22	-4.89
3,689.0	13.30	219.90	3,620.3	-472.7	-404.1	621.9	0.70	-0.70	0.23
3,732.0	13.50	220.90	3,662.1	-480.3	-410.6	631.9	0.71	0.47	2.33
3,776.0	13.40	222.00	3,704.9	-487.9	-417.4	642.1	0.62	-0.23	2.50
3,820.0	13.50	224.30	3,747.7	-495.4	-424.4	652.3	1.24	0.23	5.23
3,864.0	13.50	224.20	3,790.5	-502.8	-431.5	662.6	0.05	0.00	-0.23
3,908.0	13.10	224.30	3,833.3	-510.0	-438.6	672.7	0.91	-0.91	0.23
3,951.0	12.70	225.00	3,875.2	-516.9	-445.3	682.2	1.00	-0.93	1.63
3,995.0	12.00	222.90	3,918.2	-523.6	-451.9	691.6	1.89	-1.59	-4.77
4,039.0	12.00	221.30	3,961.2	-530.4	-458.0	700.8	0.76	0.00	-3.64
4,083.0	11.90	217.30	4,004.3	-537.5	-463.8	709.9	1.90	-0.23	-9.09
4,126.0	12.00	215.40	4,046.4	-544.6	-469.0	718.8	0.94	0.23	-4.42
4,170.0	12.80	215.70	4,089.3	-552.3	-474.5	728.2	1.82	1.82	0.68
4,214.0	13.80	218.20	4,132.2	-560.4	-480.6	738.3	2.62	2.27	5.68
4,258.0	14.30	221.80	4,174.8	-568.6	-487.5	748.9	2.29	1.14	8.18
4,302.0	14.00	220.70	4,217.5	-576.7	-494.6	759.7	0.92	-0.68	-2.50
4,346.0	14.20	220.00	4,260.2	-584.8	-501.5	770.4	0.60	0.45	-1.59
4,389.0	13.80	219.80	4,301.9	-592.8	-508.2	780.8	0.94	-0.93	-0.47
4,433.0	13.20	220.10	4,344.7	-600.7	-514.8	791.1	1.37	-1.36	0.68
4,477.0	13.10	220.70	4,387.5	-608.3	-521.3	801.1	0.38	-0.23	1.36
4,521.0	12.50	218.50	4,430.4	-615.8	-527.5	810.8	1.76	-1.36	-5.00
4,564.0	12.70	220.00	4,472.4	-623.1	-533.4	820.2	0.89	0.47	3.49
4,608.0	12.90	219.80	4,515.3	-630.6	-539.7	830.0	0.47	0.45	-0.45
4,652.0	12.40	219.90	4,558.2	-637.9	-545.9	839.6	1.14	-1.14	0.23
4,696.0	13.20	220.10	4,601.1	-645.4	-552.1	849.3	1.82	1.82	0.45
4,739.0	13.70	220.40	4,643.0	-653.0	-558.6	859.3	1.17	1.16	0.70
4,783.0	14.20	218.10	4,685.7	-661.3	-565.3	870.0	1.70	1.14	-5.23
4,827.0	13.60	220.60	4,728.4	-669.4	-572.0	880.5	1.93	-1.36	5.68
4,871.0	13.10	224.10	4,771.2	-676.9	-578.8	890.7	2.16	-1.14	7.95
4,915.0	12.70	222.60	4,814.1	-684.1	-585.6	900.5	1.19	-0.91	-3.41
4,958.0	13.30	223.40	4,856.0	-691.2	-592.2	910.1	1.46	1.40	1.86
5,002.0	13.50	223.95	4,898.8	-698.5	-599.2	920.3	0.54	0.45	1.25
5,046.0	13.10	223.20	4,941.6	-705.9	-606.2	930.4	0.99	-0.91	-1.70
5,090.0	14.00	223.30	4,984.4	-713.4	-613.3	940.7	2.05	2.05	0.23
5,133.0	14.70	221.60	5,026.0	-721.2	-620.4	951.4	1.90	1.63	-3.95
5,177.0	14.00	221.00	5,068.7	-729.4	-627.6	962.3	1.63	-1.59	-1.36
5,221.0	14.20	220.60	5,111.3	-737.5	-634.6	973.0	0.51	0.45	-0.91
5,265.0	13.75	218.90	5,154.0	-745.7	-641.4	983.6	1.38	-1.02	-3.86
5,309.0	13.20	217.75	5,196.8	-753.8	-647.8	993.9	1.39	-1.25	-2.61



Company: NEWFIELD EXPLORATION
Project: USGS Myton SW (UT)
Site: SECTION 32 T8, R18
Well: M-32-8-18
Wellbore: Wellbore #1
Design: Actual

Local Co-ordinate Reference: Well M-32-8-18
TVD Reference: M-32-8-18 @ 5021.0ft (NDSI SS #2)
MD Reference: M-32-8-18 @ 5021.0ft (NDSI SS #2)
North Reference: True
Survey Calculation Method: Minimum Curvature
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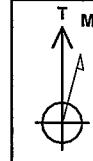
Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,352.0	13.40	219.50	5,238.7	-761.5	-654.0	1,003.8	1.05	0.47	4.07
5,396.0	13.70	220.50	5,281.4	-769.4	-660.6	1,014.1	0.87	0.68	2.27
5,410.3	13.70	220.56	5,295.3	-771.9	-662.8	1,017.5	0.11	0.00	0.45
M-32-8-18 TGT									
5,440.0	13.70	220.70	5,324.2	-777.3	-667.4	1,024.5	0.11	0.00	0.45
5,484.0	13.30	220.90	5,367.0	-785.1	-674.1	1,034.8	0.92	-0.91	0.45
5,527.0	13.20	220.15	5,408.8	-792.6	-680.5	1,044.6	0.46	-0.23	-1.74
5,571.0	12.80	218.90	5,451.7	-800.2	-686.8	1,054.5	1.11	-0.91	-2.84
5,615.0	12.70	216.30	5,494.6	-807.9	-692.7	1,064.2	1.32	-0.23	-5.91
5,659.0	13.10	218.30	5,537.5	-815.7	-698.7	1,074.0	1.36	0.91	4.55
5,703.0	13.50	219.80	5,580.3	-823.6	-705.1	1,084.1	1.20	0.91	3.41
5,746.0	14.00	222.20	5,622.1	-831.3	-711.8	1,094.3	1.76	1.16	5.58
5,790.0	14.20	221.80	5,664.8	-839.2	-718.9	1,105.1	0.51	0.45	-0.91
5,834.0	13.40	219.90	5,707.5	-847.2	-725.8	1,115.6	2.09	-1.82	-4.32
5,878.0	12.80	220.60	5,750.4	-854.8	-732.2	1,125.5	1.41	-1.36	1.59
5,921.0	12.80	220.00	5,792.3	-862.0	-738.4	1,135.1	0.31	0.00	-1.40
5,965.0	12.60	220.70	5,835.2	-869.4	-744.7	1,144.7	0.57	-0.45	1.59
6,009.0	13.30	221.00	5,878.1	-876.9	-751.1	1,154.6	1.60	1.59	0.68
6,052.0	13.00	222.00	5,920.0	-884.2	-757.6	1,164.4	0.88	-0.70	2.33
6,096.0	12.80	221.70	5,962.9	-891.5	-764.2	1,174.2	0.48	-0.45	-0.68
6,140.0	12.40	222.40	6,005.8	-898.6	-770.6	1,183.8	0.97	-0.91	1.59
6,184.0	11.60	223.50	6,048.8	-905.3	-776.8	1,192.9	1.89	-1.82	2.50
6,228.0	10.60	222.90	6,092.0	-911.5	-782.6	1,201.4	2.29	-2.27	-1.36
6,271.0	9.60	221.20	6,134.3	-917.1	-787.7	1,208.9	2.43	-2.33	-3.95
6,315.0	8.80	220.20	6,177.8	-922.4	-792.3	1,216.0	1.85	-1.82	-2.27
6,403.0	7.70	220.50	6,264.9	-932.1	-800.4	1,228.6	1.25	-1.25	0.34
6,447.0	7.10	218.30	6,308.5	-936.4	-804.0	1,234.3	1.51	-1.36	-5.00
6,490.0	6.80	217.90	6,351.2	-940.5	-807.2	1,239.4	0.71	-0.70	-0.93
6,518.0	6.70	220.20	6,379.0	-943.1	-809.3	1,242.7	1.03	-0.36	8.21
6,572.0	6.70	220.20	6,432.6	-947.9	-813.4	1,249.0	0.00	0.00	0.00

Checked By: _____ Approved By: _____ Date: _____

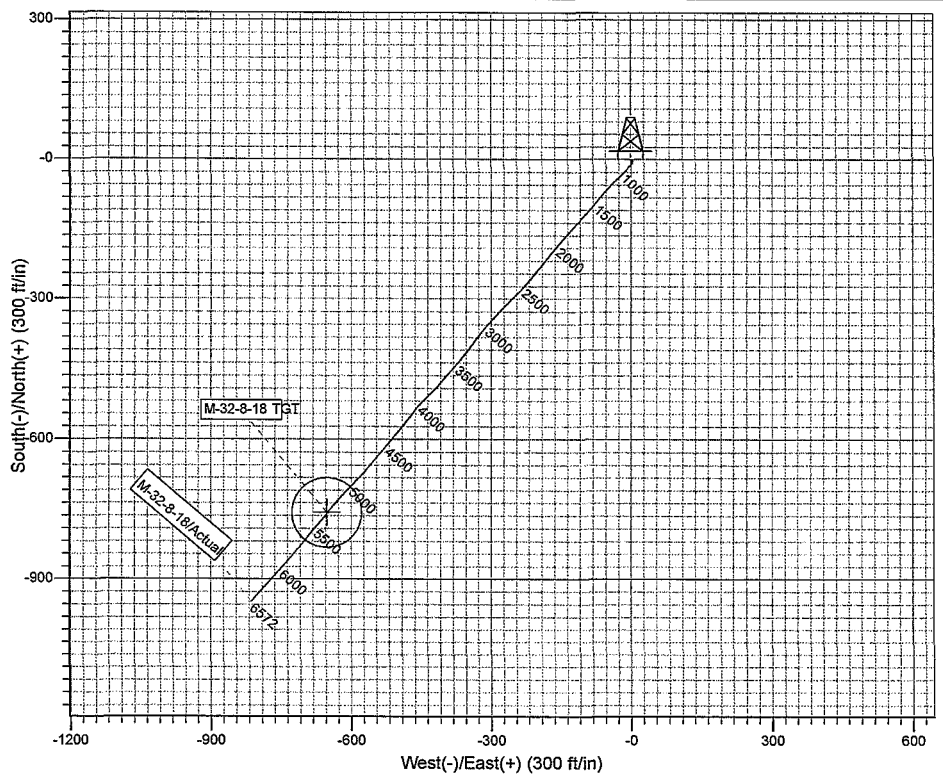
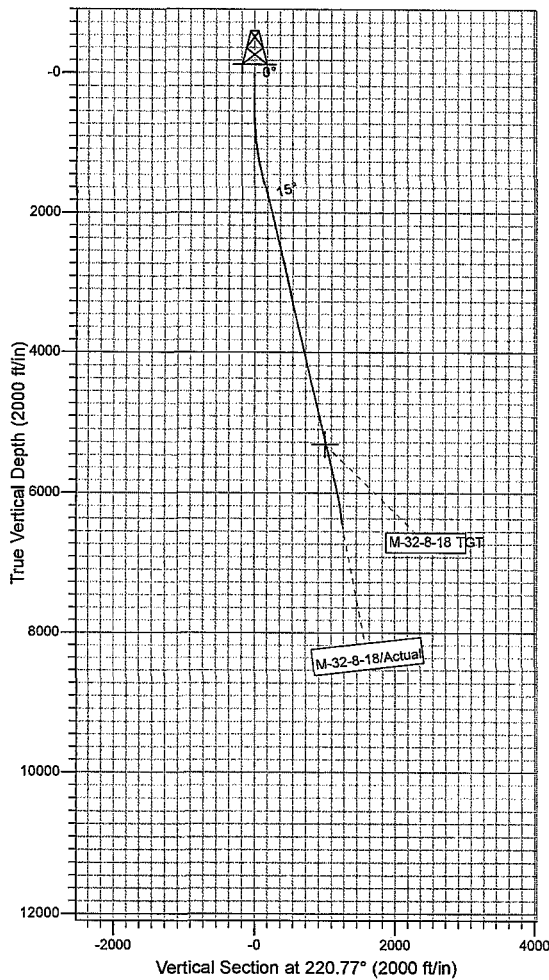


Project: USGS Myton SW (UT)
Site: SECTION 32 T8, R18
Well: M-32-8-18
Wellbore: Wellbore #1
Design: Actual



Azimuths to True North
Magnetic North: 11.24°

Magnetic Field
Strength: 52302.6snT
Dip Angle: 65.85°
Date: 7/21/2011
Model: IGRF2010



Design: Actual (M-32-8-18/Wellbore #1)

Created By: Sarah Webb

Date: 13:34, September 10 2011

THIS SURVEY IS CORRECT TO THE BEST OF
MY KNOWLEDGE AND IS SUPPORTED
BY ACTUAL FIELD DATA

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: ML-22058
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202		8. WELL NAME and NUMBER: GMBU M-32-8-18
4. LOCATION OF WELL FOOTAGES AT SURFACE: 1957 FNL 1823 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNE Section: 32 Township: 08.0S Range: 18.0E Meridian: S		9. API NUMBER: 43047518810000
9. FIELD and POOL or WILDCAT: EIGHT MILE FLAT		COUNTY: UINTAH
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

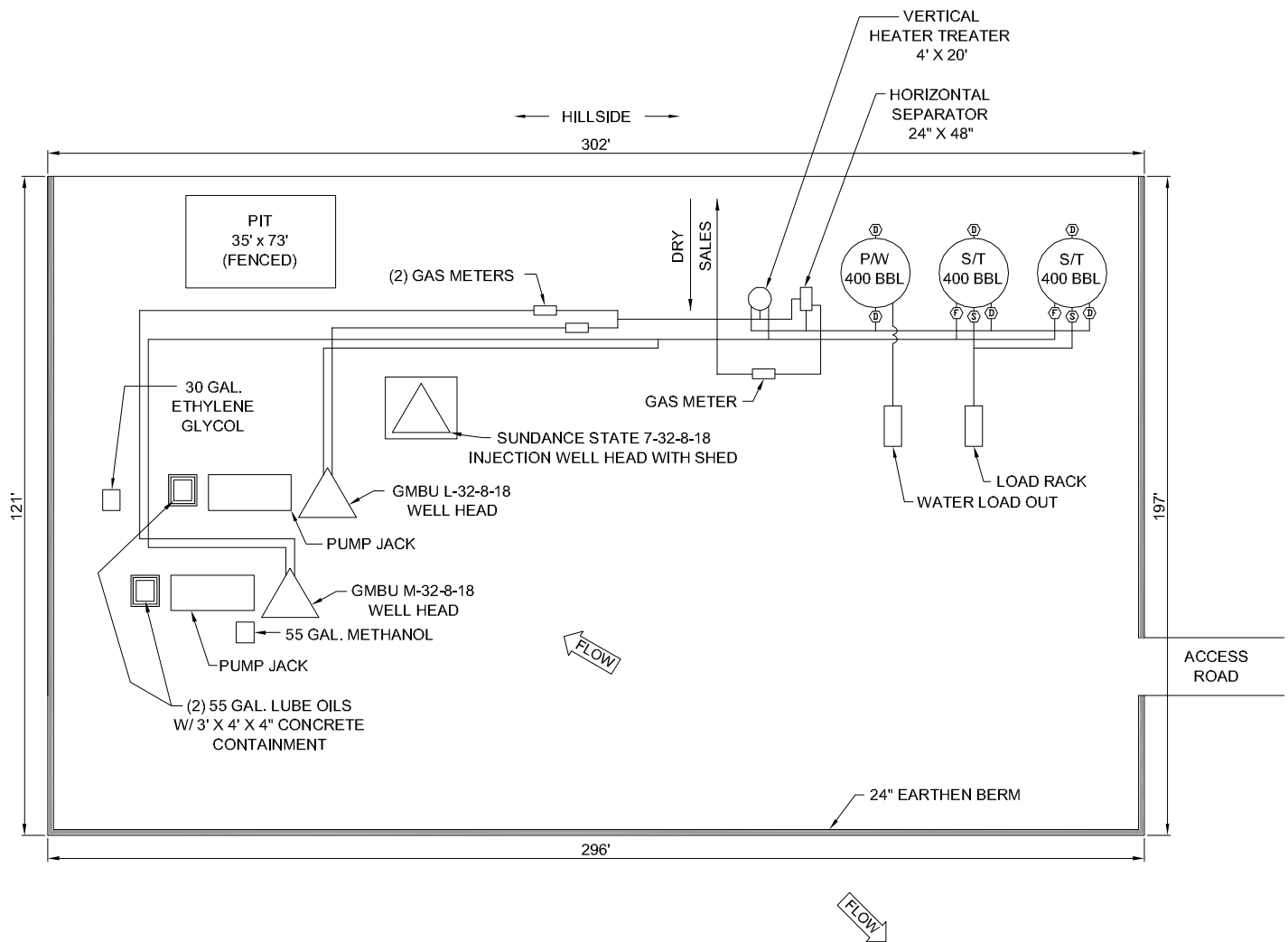
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION	<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: <div style="border: 1px solid black; padding: 2px; display: inline-block;">4/1/2013</div> <input type="checkbox"/> SPUD REPORT Date of Spud:
<input type="checkbox"/> DRILLING REPORT Report Date:	<input checked="" type="checkbox"/> OTHER			



12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

SEE ATTACHED REVISED SITE FACILITY DIAGRAM

Accepted by the
 Utah Division of
 Oil, Gas and Mining
FOR RECORD ONLY
 April 23, 2013

NAME (PLEASE PRINT) Jill L Loyle	PHONE NUMBER 303 383-4135	TITLE Regulatory Technician
SIGNATURE N/A	DATE 4/22/2013	



POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION				Valve Type				Federal Lease #: UTU-87538X API #:					SUNDANCE STATE 7-32-8-18, GMBU L-32-8-18 AND GMBU M-32-8-18			
Valve	Line Purpose	Position	Seal Installed	D	Drain Valve	This lease is subject to the Site Security Plan for: Newfield Exploration Company 19 East Pine Street Pinedale, WY 82941				Newfield Exploration Company SWNE Sec 32, T8S, R18E Uintah County, UT						
D	Drain	Closed	Yes	F	Flow Valve											
F	Oil, Gas, Water	Open	No	O	Overflow											
O	Overflow	Open/Closed	No	V	Vent											
V	Vent	Open	No	R	Recycle											
R	Recycle	Closed	Yes	B	Blow Down											
B	Blowdown	Open/Closed	No	S	Sales Valve											
S	Sales	Closed	Yes													
POSITION OF VALVES AND USE OF SEALS DURING SALES				POSITION OF VALVES AND USE OF SEALS DURING WATER DRAIN												
Valve	Line Purpose	Position	Seal Installed	Valve	Line Purpose	Position	Seal Installed	M.G.				OCT 2012		 Note: This drawing represents approximate sizes and distances. Underground pipeline locations are also approximated.		
D	Drain	Closed	Yes	D	Drain	Open	No									
F	Oil, Gas, Water	Closed	Yes	F	Oil, Gas, Water	Closed	No									
O	Overflow	Closed	Yes	O	Overflow	Closed	No									
V	Vent	Open	No	V	Vent	Open	No									
R	Recycle	Closed	Yes	R	Recycle	Closed	Yes									
B	Blowdown	Closed	No	B	Blowdown	Closed	No									
S	Sales	Open	No	S	Sales	Closed	Yes									

RECEIVED: Apr. 22, 2013